



California Environmental Protection Agency

Air Resources Board

2013

CONSUMER

&

COMMERCIAL

PRODUCTS

SURVEY

INSTRUCTIONS

Per California State Law,
Completion and Submittal
of the Survey is
Mandatory.

Completed Survey
Due: March 02, 2015



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APPENDICES

- A: List of Survey Categories**
- B: List of 2012 NAICS Codes**
- C: List of Chemical Compounds**
- D: LVP-VOC, Inorganic, and Group Total Ingredients to Report**
- E: List of Hydrocarbon Solvent Bins**
- F: Instructions for Downloading Microsoft Access Runtime**
- G: Consumer Product Definitions**
- H: Conversion Tables**
- I: U.S. Resident Population**
- J: Air Freshener Reporting**

***Note: Starting with page 5 is a series of step-by-step instructions of how to enter data into the Consumer Products Reporting Tool**

SURVEY APPLICABILITY: Who Must Complete the Survey?

Each company, firm, or establishment (“Responsible Party”) listed on the label of a consumer or commercial product that was sold or supplied for use in California during Calendar Year 2013 and falls into a product category listed in Appendix A must complete this survey. Please note that categories that are not currently regulated are being surveyed.

Note: Foreign-based companies that sell consumer or commercial products into California are required to complete the 2013 Survey.

(If the label lists two companies, firms, or establishments, the responsible party is the party that the product was “manufactured for” or “distributed by,” as noted on the label.)

Responsible Parties are required to complete the survey and submit to ARB by March 2, 2015.

**Completed Survey
Due:
March 2, 2015**

2013 Survey Rationale

By 2016, new SIPs addressing ozone and particulate matter must be developed for new National Ambient Air Quality Standards set by the United States Environmental Protection Agency. The new standards are more health protective than the standards for California’s currently approved SIPs, and preliminary modeling results indicate that large, additional reductions of oxides of nitrogen and volatile organic compounds (VOC) could be necessary. To establish the scientific foundation for these plans, related rulemakings and other program development, ARB is undergoing a comprehensive effort to update the state’s emission inventories. This includes emissions of cars, trucks, locomotives, as well as consumer products. In order to complete this task for consumer products, a complete inventory of sales and ingredient data are needed for all product categories.

Types of Products to Report... and Not to Report

This survey is intended to collect information about chemically formulated consumer and commercial products used by households and institutions (such as commercial, service, and governmental establishments), and also products used by industrial entities for the maintenance or operation of their facilities. Reportable under this survey are all consumer products that are defined under section 41712(a)(1) of the California Health and Safety Code (HSC) and were sold or supplied for use in California during calendar year 2013. This survey is *not* intended to collect information about industrial products used exclusively for on-site manufacture or construction of goods or commodities, with the exception of thinners, reducers, industrial aerosol adhesives, and lubricants. However, products that do not contain VOCs and fall into the product categories listed in Appendix A must be reported in this survey.

A “Consumer Product” is a chemically formulated product used by household and institutional consumers including, but not limited to, detergents; cleaning compounds; polishes; floor finishes; cosmetics; personal care products; home, lawn, and garden

products; disinfectants; sanitizers; aerosol paints; and automotive specialty products; but does not include other paint products, furniture coatings, or architectural coatings.

For Survey purposes, the term “consumer product” shall also refer to aerosol adhesives, including aerosol adhesives used for consumer, industrial, and commercial uses.

Please **DO NOT** report the following products and product types:

**Products that do not
contain VOCs
MUST be reported.**

- **Agricultural use products (including food production products)**
- **Architectural coatings (nonaerosol)**
- **Articles (e.g. sponges, combs, empty bottles, water filters, desks, chairs, erasers)**
- **Drugs or supplements intended for ingestion**
- **Fuels (e.g. diesel fuel treatment, engine oils, engine and/or radiator flush, engine treatment, gas treatment, octane booster, power steering treatment and/or flush, transmission treatment)**
 - **Note: “Carburetor or Fuel-injection Air Intake Cleaner” must be reported.**
- **Furniture coatings (nonaerosol), other nonaerosol paint products**
- **Hydraulic Fluids**
- **Industrial products used *exclusively* for on-site manufacture or construction of goods or commodities (except lubricants, thinners, reducers, and industrial aerosol adhesives)**
- **Laboratory reagents**
- **Pesticide products that are restricted materials and that require a permit for use and possession**
- **Prescription-only drugs**
- **Refrigerants**

Note: For Aerosol Coating and Aerosol Adhesive Products, Report Sales Only. Reporting requirements for aerosol coating products and aerosol adhesive products are different because of the recently conducted 2010 Survey. All sales and product information would need to be reported and entered into the “Product” section by product UPC only for the calendar year 2013. Reformulations of aerosol coatings and aerosol adhesives will be in

place by 2017, and ARB plans to conduct a comprehensive survey for these product categories in 2018.

The rest of this document provides instructions about how to complete the survey. In addition, ARB staff provides a series of appendices developed to assist users. Included as appendices: A) List of Survey Product Categories, B) List of 2012 NAICS Codes, C) List of Chemical Compounds, D) List of LVP-VOC, Inorganic, and Group Total Ingredients, E) List of Hydrocarbon Solvent Bins, F) Instructions for Downloading Microsoft Access Runtime, G) Consumer Product Definitions, H) Conversion Tables, I) U.S. Resident Population, and J) Air Freshener Reporting.

It is recommended that users review the appendices prior to entering data into the CPRT. If users downloaded the "Survey Instructions with Appendices (Complete File)," a compilation of appendices is included at the end of the survey instructions. A list of appendices is also available here: <http://www.arb.ca.gov/consprod/regact/2013surv/2013main.htm>.

Consumer Products Reporting Tool

**New! Interactive CPRT
with Security Features
Enhanced Confidentiality**

The data submittal method for the 2013 Survey will be facilitated by the new electronic Consumer Products Reporting Tool (CPRT). All requested information must be interactively entered into the CPRT or imported into the CPRT from company specific databases. The CPRT is available for download at: <http://www.arb.ca.gov/consprod/regact/2013surv/2013main.htm>.

Note: The version code for the downloaded CPRT is stamped on the lower left corner of the Main Menu screen. Depending on screen resolution, users may need to scroll down to view the version code.

Before downloading the CPRT, please take a look at Appendix F to determine if you need the 32- or 64-bit version. The 32- or 64-bit version refers to the Office version your computer runs. Appendix F has instructions for determining the number of bits your Office version has. To download the CPRT, click (or Right click) on the link: "Consumer Products Reporting Tool" and save onto your desktop.

If you do not have Microsoft Access or do not have the 2010 or 2013 version of Microsoft Access, please see additional instructions in Appendix F that will walk you through the steps needed to download a free version Microsoft Runtime that will allow you to use the CPRT.

Note: Although the background mechanics of the CPRT run on Microsoft Access, users do not need to know how to use Microsoft Access in order to enter or upload data.

OVERVIEW OF THE REPORTING TOOL

The CPRT is designed to input data interactively or via import. The determining factor for using the interactive or import features will vary by company, but will mainly be dictated by

size. A company with a small amount of data will likely use the interactive function, while a larger company may choose to use the import function. When using the data upload feature, data must be saved in a *.csv format. The CPRT will not accept data in any other format (e.g., excel). The *.csv format is a record-based text file that prevents the introducing of macros or malware. The CPRT upload feature uses the *.csv format to enhance confidentiality of data being submitted.

Note: When the term “company” is used, “company, firm, or establishment” is implied.

Note: The description of the data fields applies to both the Access Data Import Fields and the Fill-In Data Sheets.

Note: Users must import all their data into the CPRT for data checks. It is **NOT** acceptable to directly submit unprocessed CSV files to ARB.

Designation of Confidential Information

In accordance with Title 17, California Code of Regulations (CCR), sections 91000 to 91022, and the California Public Records Act (Government Code Section 6250 et seq.), State law protects the confidentiality of trade secrets. The full citations of these sections are provided at: <https://govt.westlaw.com/calstatelaw> and <http://www.leginfo.ca.gov/calaw.html>.

To designate any information contained in your survey data as “confidential information,” you must select and check (✓) the confidential business information box located in the upper portion of each CPRT screen. For the ingredients pages, the confidential box is located in the first column of the ingredient table.

To designate “confidential information” via the *.csv import files, you must populate the Access Data Import Field named “Confidential with **True**.”

Main Menu

Upon opening the CPRT, the Main Menu screen will appear with a series of buttons. Below is a summary of the buttons followed by specific instructions for the process of entering data.

The order of the following descriptions is consistent with the order that ARB staff recommends for using the CPRT.

To begin, go to the **“Setup/Maintenance”** button to read about specific features available in the CPRT, including options for user customizations.

Enter/Import Data: Clicking this button opens the Enter/Import Menu and allows users to begin entering data into the CPRT after the setup maintenance steps are complete.

Check Data: Clicking this button opens the Check Data screen that allows users to perform a series of data checks prior to submitting and exporting data to ARB.

Review Data: Clicking this button opens a View Data Menu screen that allows users to click on one of several buttons to view raw data.

Export Formulator Data: Clicking this button allows the Responsible Party to generate CSV files to send to their product formulator. The formulator will then be able to upload these CSV files into the CPRT specific for formulators.

Submit/Export Data: Clicking this button will allow users to certify their reported data and generate CSV files of their data. The CSV will be uploaded to ARB through a secure web portal that will be available for use on January 1, 2015. Clicking this button is the last step in the CPRT process.

Exit: This button closes the CPRT.

**Web Portal for Uploading
Data to ARB Availability:
January 1, 2015**

Setup/Maintenance

The CPRT allows users to customize data on some of the dropdown menus to simplify the data entry process, and to back up or delete already entered data. These options are provided under the “Setup/Maintenance” button, located at the top of the Main Menu screen.

**Customize Data
Through
Setup/Maintenance
Button**

Below is a description of different command buttons provided on the “Setup/Maintenance” page.

ARB Category Codes

The CPRT allows users to customize the list of ARB 2013 Survey product category codes by deleting categories not relevant to their products.

The “Lookup Code” dropdown menu provides the full list of 2013 Survey categories. The purpose of “Category Code” and “Description” fields is to display category code and full name for any category selected by the user from the “Lookup Code” dropdown menu.

The “View/Edit List” button displays category codes currently listed on the dropdown menu on the “Product Information” data entry screen. To delete any irrelevant categories, highlight them on this list, right click and select “Delete Record.” A popup window will prompt you to confirm the deletion. The change should be automatically reflected in the category dropdown field on the “Product Information” data entry screen. To delete multiple category codes at once highlight the categories and click Delete. Click on the “x” in the upper right hand corner to exit the screen and go back to the “Add or Delete Codes” screen.

To bring one of the categories you deleted back into the dropdown list of category codes listed on the “Product Information” data entry screen, select a category code from the

“Lookup Code” dropdown menu and click on the “Add” button. Use the “View/Edit List” button to check whether the category has been added to the dropdown list.

If needed, all deleted categories can be restored at once by clicking on the “Reset List” button.

The “Empty List” button allows a user to delete all the category codes in the dropdown list of category codes listed on the “Product Information” data entry screen at the same time. The user can then add selected categories back in one by one or repopulate the list with all of the categories by clicking on the “Reset List” button.

When complete, click “Close” to return to the Setup/Maintenance main screen.

Ingredients Dropdown

The CPRT also allows users to customize the prepopulated dropdown list of chemicals provided on the “Formulations” screen in the “Product Ingredients” data entry table.

The dropdown “Lookup Chemical Name/CAS” menu provides a more extensive “master” list of chemical compound names that the user can select from to add to the shorter dropdown list in the “Product Ingredients” data entry table. To do so, select a chemical compound name from the “Lookup Chemical Name/CAS” list, or simply start typing its chemical name in this field to locate it on the list, and click “Add.”

If a chemical name that you want to add is not on the “master” list, enter its information into the “Ingredient Name” and “Ingredient CAS number” fields and click the “Add” button.

Note: Do not include dashes when entering the CAS # into the CPRT.

The “View/Edit List” button displays chemical compound names currently listed on the dropdown menu on the “Formulations” screen in the “Product Ingredients” data entry table. Any chemical compound names added by the user will be displayed at the bottom of the list under the “View/Edit List” button.

To delete any irrelevant chemical compound names from the dropdown menu on the “Formulations” page, click on the “View/Edit List” button, highlight the chemical names on the list, right click and select “Delete Record.” A popup window will prompt you to confirm the deletion. The change should be automatically reflected in the category dropdown field on the “Formulation” data entry screen. Click on the “x” in the upper right hand corner to exit the screen and go back to the “Add or Delete Ingredients” screen.

The “Reset List” button allows users to restore the modified dropdown list of chemicals to its original state.

When complete, click “Close” to return to the Setup/Maintenance main screen.

Backup Data

To save entered data to your computer at any time during the data entry, click “Backup Data” button on the “Setup/Maintenance” screen in CPRT. Then, the first popup window will prompt you to select where you want the files to be saved and the second popup window will prompt you to confirm the backup by clicking “Ok.” Backed up files can later be uploaded back into the CPRT if needed.

**Backup Data Feature:
Allows users to backup
data to desktop at any time**

Note: Files backed up using the “Backup Data” button are not checked by CPRT for completeness or other errors and should not be used to submit data to ARB.

When complete, click “Close” to return to the Setup/Maintenance main screen.

Restore Data

A user can restore data by uploading files saved on the computer earlier. To do this, click “Restore Data” button and select correct files when prompted by the popup window. Click “Ok” in the next popup window to confirm the upload.

**Restore Data Feature:
Allows users to reload data
into the CPRT**

When complete, click “Close” to return to the Setup/Maintenance main screen.

Delete Tables

The user can delete entered product and ingredient information by clicking on “Products and Formulas” button. Upon clicking on the button, the first popup window will be displayed, notifying the user of a number of product information records that are about to be deleted. Click “OK” to confirm the deletion. Next, the second popup window will be displayed, notifying the user of a number of formula records that are about to be deleted. Click “OK” to continue.

The user can delete imported formula information only by clicking on “Formulations” button. This option is useful when a user imports a CSV formula file and then realizes that the formulas are incorrect. Upon clicking on the button, a popup window will be displayed, notifying the user of a number of formula records that are about to be deleted. Click “OK” to continue.

When complete, click “Back to Maintenance” to return to the Setup/Maintenance main screen.

Reset Database

By clicking “Reset Database” button a user can delete all of the previously entered data, including any modifications made to the ARB survey category list or the list of chemical

compounds, resetting the database to its original state. The popup window will prompt the user to confirm the deletion.

Note: Once the data is deleted it will not be possible to restore it unless the user backed up the data earlier on the computer.

When complete, click “Close” to return to the Setup/Maintenance main screen.

Back to Main Menu: Click this button to return to the Main Menu. Upon return to the Main Menu, click the Enter/Import Data button to begin entering/importing data into the CPRT.

Enter / Import Data

Below is a description of different command buttons provided on the “Enter/Import Data” menu screen.

Responsible Party

Enter/Import Data: This button allows for users to enter information pertaining to: 1) Responsible Party, 2) Formulators, and 3) Fragrance Formulators, if applicable. Below are descriptions on the function of each button and the process for entering/importing data.

The Responsible Party information requested will assist the California Air Resources Board (ARB) in characterizing the business included in the 2013 Survey as required by the California State Law. Only one Responsible Party Information sheet must be completed for each responsible party. The Responsible Party Information must be filled out in the CPRT. There is not an import function in the CPRT for these data fields.

Responsible Party means the company, firm, or establishment listed on the product’s label of a consumer or commercial product reportable under this survey (Appendix A) that were sold or supplied for use in California during Calendar Year 2013. If the label lists two companies, firms, or establishments, the responsible party is the party which the product was “manufactured for” or “distributed by,” as noted on the label.

In order to begin entering data, click the “Responsible Party” button in the CPRT. Below is a detailed description of each data field. The bold type corresponds to the data field header in the CPRT, followed by a description for the data field.

This Page contains confidential business information: Select (✓) this box to designate information on this data entry page as confidential.

In addition to the data fields on this screen, the CPRT includes a series of administrative buttons to allow users to navigate between screens, make edits, print, and save/close the CPRT.

Administrative buttons: The following four buttons “Undo,” “Print,” “Save/Close,” and “Delete” are administrative. Descriptions for each button follow.

Undo/Exit: This button clears the data fields below. When clicked the data entry page will clear and then automatically return to the Enter/Import menu page. To begin entering data again, click on the “Responsible Party” button.

Print: Click to print.

Save/Close: Click the “Save/Close” button to save the responsible party contact information and return to the Enter/Import Menu screen.

Delete: Click the “Delete” button to delete and clear the entered information for responsible party.

The next block of data fields relate to the responsible party (company information) and survey contact. Please enter survey contact information for ARB to use to contact your company in the event of survey related questions. The survey contact information may or may not be the same management level representative that will certify the survey information prior to submitting to ARB.

Company: Enter the name of the company that is the Responsible Party for the product(s) being submitted.

Division(s): If the respondent represents a division of the company, enter the name of the division.

Address: Enter the complete mailing address for the company listed above.

Note: Foreign-based Companies: Enter the street address for the company listed above. Enter the country name in the “State” data field. Enter either the postal code or the number “1” in the “Zip” data field.

Survey Contact: Enter the name, title, telephone number, and email address for the person to be contacted by ARB staff if clarifications are needed for the information submitted.

The question below relates to the responsible party’s “type of business.” Please choose from the list provided: Manufacturer/Marketer; Retailer, Distributor, or Contract Packager.

Type of Business: Select (✓) each box that describes the type of business conducted by the responsible party. If the type of business listed does not apply, describe your company’s type of business in the “Other Business Type” space provided.

The next five data fields relate to business financial information for the 2013 calendar year:

Gross Income: Select from the dropdown the range that best identifies the gross annual receipts generated by the responsible party worldwide for Calendar Year 2013. This means the total income of the company before expenses are deducted.

Note: Report total worldwide gross annual receipts.

Employees: Select from the dropdown the range that indicates the total number of employees (include part-time and temporary staff), not including contract employees, for the responsible party “Worldwide” (including California), and also for “California Only.”

Contract Employees: Select from the dropdown the range that indicates the total number of contract employees for the responsible party “Worldwide” (including California), and also for “California Only.”

Note: “Contract Employees” include temporary, consultant, contractor, and/or contract service employees. As the number of these employees can be fluid, choose a representative number of employees that best describe the overall number of contract employees throughout the year.

The next question describes the type of industry in which the responsible party conducts business.

NAICS (North American Industry Classification System): Select/Enter the Primary 2012 NAICS code(s) from the dropdown menu related to consumer and commercial products that apply to the responsible party for the products covered by this survey. If applicable, select the Secondary and Tertiary NAICS codes from the dropdowns. For more information about NAICS codes, see Appendix B.

Note: Foreign-based Companies: Please choose a representative industry description from the list of NAICS.

Note: *The following four statements (below) related to your products are important to answer as your responses will automatically customize your reporting view screens.*

Some or all products grouped: Select (✓) the box to indicate that your company will be submitting data for products that meet 2013 Survey grouping criteria.

**Responses to these 4
Statements
Are Essential!**

Formulation for some or all products will be provided by a 3rd party: Select (✓) the box to indicate that a company other than the responsible party will submit formulation data to ARB. This box should be checked if all or a portion of the company’s product ingredients will be submitted by a formulator.

Some or all products contain fragrances: Select (✓) the box to indicate that one or more of your products contain a “Fragrance.”

Some or all products sold as concentrate(s): Select (✓) the box to indicate that one or more of your products are labeled with dilutions.

The last block of data fields are to be completed by companies that are not independently owned. If your company is independently owned you have completed the responsible party

section of the 2013 Survey. Users can click the “print” button to print a record. Otherwise, click “save/close” to save the entered information and continue to the “Enter/Import Menu.”

Parent Company Name: If the company is not independently owned, enter the name of the parent company.

Address: Enter the complete mailing address for the parent company listed above.

Note: Foreign-based Companies: Enter the street address for the company listed above. Enter the country name in the “State” data field. Enter either the postal code or the number “1” in the “Zip” data field.

Parent Company Contact: If the company is not independently owned, enter the name, title, telephone number, and email address of the contact person responsible for the information submitted.

Next CPRT Steps:

As described in the “Note” above, the following sections have been customized based on whether you selected (✓) any of the last four boxes (above).

If users selected the box indicating that some or all surveyed products will be grouped, the “Product Grouping” button on the “Enter/Import Menu” will have been activated.

If users selected the box indicating that some or all products will be provided by a 3rd party formulator, the “Formulator(s)” button on the “Enter/Import Menu” will have been activated. Click the “Formulator(s)” button to begin entering information for your product’s formulator.

If users selected the box indicating that some or all products contain fragrances, the “Fragrance Formulator” button on the “Enter/Import Menu” will have been activated. In addition, the data fields related to fragrance information will also have been activated. Click the “Fragrance Formulator” button to begin entering information for your product’s fragrance formulator.

If users selected the box indicating that some or all products are sold as concentrate(s), the data fields related to dilution ratios in the products information section of the “Products” button will have been activated.

Click “save/close” to continue to the “Enter/Import Menu.”

To begin entering formulator information, click the “Formulator(s)” button on the “Enter/Import Menu” screen. Below is a detailed description of each data field in the formulator section. The bold type corresponds to the data field header in the CPRT, followed by a description for the data field.

Formulator(s)

This section was activated because the “*Formulation for some or all products will be provided by a 3rd party*” box was selected in the Responsible Party section of the CPRT.

This section provides contact information related to product formulator. If the responsible party holds the product formulation information, then that company will complete the applicable data fields. If the responsible party does not hold the formulation information, the responsible party is required to provide formulator contact information for each product submitted. The contact information for each formulator will only need to be entered once, and will be available as a dropdown selection. This information is required prior to entering product formulation information. Responsible Parties must use the CPRT for entering this information. If a responsible party uses formulators, the names must match what is entered in this section if they choose to use the import function. If the formulator names in the imported CSV files do not match, the data checks will register an error and the Responsible Party must fix the discrepancy before moving to next steps.

Note: Users will only need to enter each formulator contact information once! Later, in the “Formulations” section, users will be able to select the formulator from a dropdown menu.

In addition to the data fields on this screen, the CPRT includes a series of administrative buttons to allow users to navigate between screens, make edits, print, and save/close the CPRT.

Administrative buttons: The following four buttons “Save/Add,” “Print,” “Save/Close,” and “Delete” are administrative. In addition, selecting from the dropdown menu activates a fifth button: “Undo.” The “undo” button is hidden from view until users select a formulator from the dropdown menu. Descriptions for each button follow.

Save/Add: Click the “Save/Add” button to save the formulator contact information. If multiple formulators are used by the responsible party, click the “save/add” button to continue to enter additional formulator contact information

Print: Click to print.

Save/Close: Click the “Save/Close” button to save the formulator contact information. Clicking this button returns the user to the “Enter/Import Menu” screen.

Delete: Click the “Delete” button to delete the entered information for formulator. Clicking this button also removes the formulator from the dropdown.

Undo: Click the “Undo” button to clear the data fields. Clicking this button does not delete the formulator from the dropdown.

An overview of the actual data fields is presented below.

This Page contains confidential business information: Select (✓) this box to designate information on this data entry page as confidential.

Select: If the responsible party is also the formulator, select “self” from the dropdown list and enter correct contact information for the formula information. In order to compile the “NR” formulator, please enter a null value of “0” into each field. The “Select” dropdown field

also allows users to view and edit previously entered formulator information. Selecting this field also activates the “undo” button. Clicking the undo button (below) clears the data fields.

Note: Because Aerosol Coating Products and Aerosol Adhesives are not required to submit formula data, “NR” is listed in the dropdown for use in the Products section.

Note: “NR” means not required.

Product Formulator Company Name: Enter the name of the company that holds the ingredient formula for the product(s) being submitted. If the formulator is also the responsible party, selecting “self” from the dropdown automatically populates the formulator contact information.

Address: Enter the complete mailing address for the formulator company listed above.

Note: Foreign-based Companies: Enter the street address for the company listed above. Enter the country name in the “State” data field. Enter either the postal code or the number “1” in the “Zip” data field.

Formulator Contact: Enter the name, title, telephone number, and email address for the person to be contacted by ARB staff if clarifications are needed for the product ingredient information submitted.

Click the “Save/Close” button to save entered information and return to the “Enter/Import Menu” screen.

To begin entering fragrance formulator information, click the “Fragrance Formulator(s)” button on the “Enter/Import Menu” screen. Below is a detailed description of each data field in the fragrance formulator section. The bold type corresponds to the data field header in the CPRT, followed by a description for the data field.

Fragrance Formulator(s)

This section was activated because the “*Some or all products contain fragrances*” box was selected in the Responsible Party section of the CPRT to indicate that one or more of your products contain “Fragrance.”

If the responsible party holds the fragrance ingredient information, then that company will complete the applicable data fields.

Note: If the responsible party is also the fragrance formulator, then the responsible party must complete the fragrance formulator contact information for fragrances generated “in-house.”

If the responsible party does not hold the fragrance ingredient information, the product formulator will submit the information. The contact information for each fragrance formulator will only need to be entered once, and will be available as a dropdown selection. This information is required prior to entering product ingredient information. Responsible Parties must use the CPRT for entering this information. If a responsible party uses fragrance

formulators, the names must match what is entered in this section if they choose to use the import function.

Note: Users will only need to enter each fragrance formulator contact information once! Later, in the “Formulations” section, users will be able to select the fragrance formulator from a dropdown menu.

In addition to the data fields on this screen, the CPRT includes a series of administrative buttons to allow users to navigate between screens, make edits, print, and save/close the CPRT.

Administrative buttons: The following four buttons “Save/Add,” “Print,” “Save/Close,” and “Delete” are administrative. In addition, selecting from the dropdown menu activates a fifth button: “Undo.” The “undo” button is hidden from view until users select a formulator from the dropdown menu. Descriptions for each button follow.

Save/Add: Click the “Save/Add” button to save the fragrance formulator contact information. If multiple fragrance formulators are used by the responsible party, click the “save/add” button to continue to enter additional fragrance formulator contact information

Print: Click to print.

Save/Close: Click the “Save/Close” button to save the fragrance formulator contact information. Clicking this button returns the user to the “Enter/Import Menu” screen.

Delete: Click the “Delete” button to delete the entered information for fragrance formulator. Clicking this button also removes the fragrance formulator from the dropdown.

Undo: This button was activated because the user selected from the dropdown. Click the “Undo” button to clear the data fields. Clicking this button does not delete the fragrance formulator from the dropdown.

This Page contains confidential business information: Select (✓) this box to designate information on this data entry page as confidential.

Fragrance Formulator Company Name: Enter the name of the company that holds the ingredient information for the product(s) being submitted.

Address: Enter the complete mailing address for the fragrance formulator company listed above.

Note: Foreign-based Companies: Enter the street address for the company listed above. Enter the country name in the “State” data field. Enter either the postal code or the number “1” in the “Zip” data field.

Fragrance Formulator Contact: Enter the name, title, telephone number, and email address for the person to be contacted by ARB staff if clarifications are needed for the product ingredient information submitted.

Click the “Save/Close” button to save entered information and return to the “Enter/Import Menu” screen.

If you will be grouping products and selected (✓) the “some or all products grouped” box on the responsible party screen, click the “Product Grouping” button on the “Enter/Import Menu” screen. Below is a detailed description of each data field in the product grouping section. The bold type corresponds to the data field header in the CPRT, followed by a description for the data field.

Product Grouping

This section was activated because the “*Some or all products grouped*” box was selected in the Responsible Party section of the CPRT.

To be able to group products in the CPRT Products section, you must **first** enter the group product information in to the Product Grouping section.

For the purpose of minimizing the amount of formulation data collected for similar products, a single “representative” product group formula can be reported for a series of similar UPCs. Products may be grouped based on Size, Fragrance, VOCs, Inorganics (limited) and/or Grouped Inorganics; or LVP-VOCs (limited) and/or Grouped LVPs.

Can Group Products by Size, Fragrance, VOCs, and some Inorganics and LVP-VOCs

For purposes of the survey, “representative” product group formula means the formula used most, or the formula with the highest sales. If a group of products meets the requirements as defined below, only one Product Ingredients data entry sheet is required for the product group. Note that if your products meet the criteria for grouping, and you choose to report your products as a group, you will need to select the appropriate description in the “Type of Group” data field. Please also note that Product Grouping section needs to be completed before importing any product data. This is to ensure the group names contained in the CSV files imported into the CPRT will match the correct “representative” product group formula.

Note: It is not required to group products. A Responsible Party that finds the reporting process to be more expedited without grouping has an option of reporting in this manner.

In addition to the data fields on this screen, the CPRT includes a series of administrative buttons to allow users to navigate between screens, make edits, print, and save/close the CPRT.

Administrative buttons: The following four buttons “Save/Add,” “Print,” “Save/Close,” and “Delete” are administrative. In addition, selecting from the dropdown menu activates a fifth button: “Undo.” The “undo” button is hidden from view until users select a formulator from the dropdown menu. Descriptions for each button follow.

Save/Add: Click the “Save/Add” button to save the grouped product information. If entering multiple grouped products, click the “Save/Add” button to continue to enter additional grouped product information

Print: Click to print.

Save/Close: Click the “Save/Close” button to save the group product information. Clicking this button returns the user to the “Enter/Import Menu” screen.

Delete: Click the “Delete” button to delete the entered group product information. Clicking this button removes the grouped products from the dropdown.

Undo: This button was activated because the user selected from the dropdown. Click the “Undo” button to clear the data fields. Clicking this button does not delete the grouped product dropdown.

Only those products that meet the product group criteria described below are allowed to be grouped in the CPRT.

Product Group Criteria: For the purpose of the 2013 Survey, “Product Group” means a group of products represented together that differ ONLY by **Size, Fragrance, VOCs, Inorganics** (limited) and/or **Grouped Inorganics**; or **LVP-VOCs** (limited) and/or **Grouped LVPs** and meet all of the following grouping requirements:

1. All products must have the same survey category code(s).
2. All products must be the same dispensed form (e.g. liquid, solid, mist/dispersed spray).
3. Grouped products must have no greater than 0.5 percent variation in total VOC content. This includes exempted VOCs, e.g. acetone, and variations in fragrance.
4. Grouped products must have no greater than 1 percent variation in total LVP-VOC content.
5. Grouped products must have no greater than 1 percent variation in total ingredient content.

Note: The parenthetical use of the word (limited) indicates that some inorganic and organic compounds can be grouped unless they are specifically listed in the instructions or Appendix D.

This Page contains confidential business information: Select (✓) this box to designate information on this data entry page as confidential.

Select: The “Select” dropdown field allows users to view and edit previously entered Product Group information.

Group Name: Enter a “representative” name to describe this group of products. Below are some ARB staff recommendations:

For Example: For products grouped by “size,” enter the name of the product as it appears on the product label.

For Example: For products grouped by “fragrance,” enter the name of the product as it appears on the label. “Joe’s Laundry Detergent” is being grouped and is sold in the following fragrances: fresh scent, original scent, and lavender. For the group name, enter “Joe’s Laundry Detergent.”

For Example: For products being grouped by “grouped LVPs,” or “grouped inorganics,” enter the name of the product with the highest sales.

Grouped By: Select (✓) each box that describes how the product is being grouped per the grouping criteria outlined above. Select from the following list: “Size,” “Fragrance,” “VOCs,” “Grouped LVPs,” “Grouped Inorganics.”

Note: Selecting multiple “grouped by” boxes is allowed in the CPRT.

Note: For specific questions regarding whether your product(s) can be grouped, please email csmrprod@arb.ca.gov.

Primary ARB Category Code: Enter/Select the primary survey category code that best describes the product.

Note: Grouped products **must** be categorized within the same primary ARB category code.

Formula Name: Enter the “representative” name of the product formula that will be used in the formula section.

Note: The formula name entered **must** match the formula name entered by the formulator. The formula name can be the same as the product group name.

Who will provide the formulation: Select “Self” if the Responsible Party will provide the formulation, otherwise, select from the list of Formulators previously entered in the “Formulator” section.

Group label file name: Enter the name of the group’s representative label file name.

Note: Users must include the file type *i.e.* *.ps (PostScript), *.jpg, *.doc, or *.pdf in the group label file name.

Note: If your products have multiple label files for a single product that together reflect the complete product label you will need to combine and save all the image files into one *.pdf file.

Click the “Save/Close” button to save entered information and return to the “Enter/Import Menu” screen.

Users are now ready to begin entering product information into CPRT’s Product Information section. Click the “Products” button on the “Enter/Import Menu” screen to begin. Or, if you

choose the import function, please refer to the spreadsheet on the 2013 Survey homepage to ensure the correct column names are used.

Products

The CPRT allows a user to either enter the UPC-level product information interactively or by *.csv file upload or both. If a user of the CPRT enters in data interactively and then uploads more data, the existing data will not be overwritten. This is also the case for multiple *.csv files that are added to the CPRT. In order to successfully import the data, the column headings in the *.csv file must match those within the CPRT. In order to use the most accurate list of column headings for the import function, go to the 2013 Survey webpage and click on the excel file below the CPRT to obtain the correct column order of headings. For more information on importing product data, please see the end of this section.

In addition to the data fields on this screen, the CPRT includes a series of administrative buttons to allow users to navigate between screens, make edits, print, check data, and save/close the CPRT.

Administrative buttons: The following six buttons “Save/Add,” “Print,” “Save/Close,” “Check,” “Add,” and “Delete” are administrative. In addition, selecting from the dropdown menu activates a seventh button: “Undo/Exit.” The “undo/exit” button is hidden from view until users select a product from the dropdown menu. Descriptions for each button follow.

Save/Add: Click the “Save/Add” button to save the product information. If entering multiple products, click the “save/add” button to save the record and continue to enter additional products.

Print: Click to print.

Save/Close: Click the “Save/Close” button to save the product information. Clicking this button returns the user to the “Enter/Import Menu” screen.

Delete: Click the “Delete” button to delete the entered product information. Clicking this button removes the product from the dropdown.

Check: Click this button to check if all of the required product information is entered. If data are missing, a window will appear alerting the user. Review the alert, click “ok,” and update the data fields accordingly.

Add: Click the “Add” button to save and add the product to the record. The “Add” button performs the same function as the “Save/Add” button located at the top of the screen.

Undo/Exit: This button was activated because the user selected from the dropdown. Click the “Undo” button to clear the data fields. Clicking this button does not delete the grouped product dropdown.

An overview of the data fields is presented below.

This Page contains confidential business information: Select (✓) this box to designate information on this data entry page as confidential.

Edit/Select: The “Edit/Select” dropdown field allows users to view and edit previously entered product information.

Name: Enter the Full Product Name as shown on the principal display panel.

Note: If using the import data function, there is a 250 character limit.

UPC: Enter the product Universal Product Code “UPC” number. Each product will need to report individual product UPCs, as printed on the product label. If your company does not print the UPC numerical symbol on the product label, enter the company specific stock keeping unit (SKU).

Note: If you are reporting a product “Kit,” as described below, enter the UPC number located on the outer most packaging. For CPRT tracking purposes, each individual product within the kit will be assigned the “Kit” UPC number.

To ensure accurate and trackable multi-year reporting for individual products, you must enter all digits located below the vertical bars of the bar codes. Digits located outside the vertical bars are optional. However, you **MUST** use the same UPC numbering system for each of the three survey years. Below are examples of typical product code symbols printed on product labels.



In its standard version (UPC-A), the bar code consists of a five digit manufacturer number (i.e. “12345”) and a five digit product number (i.e. “67890”). In addition, there is a 1 digit number system identifier at the start of the code (i.e. “0”) and a 1 digit “check digit” at the end of the bar code (i.e. “5”).

Example of acceptable UPC-level reporting: A) 123456789, or B) 012345678905



Smaller packages may be labeled with a “zero-suppressed” version of UPC called (UPC-E). This symbol only uses a 6-digit code, with or without the number system identifier and check digit.

Example of acceptable UPC-level reporting: A) 123456, or B) 01234565



Products manufactured in Europe may be labeled with a (EAN-13) bar code. A typical EAN-13 looks something like this.

Example of acceptable UPC/EAN-level reporting: A) 075678164125, or B) 0075678164125

If your product does not contain a UPC-code, please use the SKU, or other related tracking number. Whatever number is chosen should be the same for each reportable year of the survey.

Kits: Kits are multipacks of:

- a) the same formula in different sizes, or
- b) different formulas in the same sizes, or
- c) different formulas and different sizes.

The CPRT automatically defaults to an individual product of “1.” Any other number denotes a kit unit. Enter the number of kit units (greater than “1”) sold.

Notes: Kits – When multiple products are sold together in one kit or package with one kit UPC, individual components must be reported separately, according to Survey Categories.

For Example: A retail skin care kit “101 Beauty Kit” includes 3 separate items: “moisturizer,” “skin protectant,” and “sunscreen.” Enter “3” under Kits Sold. Each of these three components must be reported separately since they fit into separate survey categories. The full product name for each item in the kit would be: “101 Beauty Kit: (plus name of individual component). I.e. “101 Beauty Kit: Moisturizer,” or “101 Beauty Kit: Skin Protectant.” The same package UPC number would be used to identify each product included in the kit.

For Example: “ACME Office Supply Kit” includes “Permanent Markers (5 colors),” “Highlighters,” and “Correction Fluid.” Each of these three components must be reported since they fit into separate categories in this survey. The full product name for the permanent markers would be “ACME Office Supply Kit: Permanent Markers (red)” and the same UPC would be reported 7 times, one for each component and color of marker.

Group Name: For the purpose of streamlining the amount of formulation data collected for similar products, a single “representative” product group formula can be reported for a series of similar UPCs. Select/Enter from the dropdown, the “Product Group Name” that you previously entered in Product Group Definition. Once you chose the group name, the fields you already entered on the previous screen will be prepopulated. Below are examples of grouping.

For example:

- If “Black Gloss Paint” product is sold in two sizes (454 g and 510 g) and meets all criteria for Product Group, report product formula only once. The unique UPC for the 454 g and 510 g products would be reported separately.
- If “6 Colors Set Markers” (black, red, yellow, green, blue, and orange) meet all criteria for Product Group including the VOC criteria, report the product formula only once. Because this group of products meets the definition of “kit,” as described below, users would enter “6” in the “kits sold” data field, and fill out

individually for each color – using the same product UPC number. Please see additional information on Product Ingredients reporting.

- If five scents (original, lavender, lemon, orange, and fragrance-free) of “Best Cleaner” product are available and meet all criteria for Product Group including the VOC criteria, report product formula only once. Please see additional information on Product Ingredients reporting. The unique UPC for each fragrance would be reported individually. For each unique UPC, enter the fragrance name (*i.e.* lavender), the name of the fragrance formulator, and the fragrance tracking code (*i.e.* la1234) in the fragrance information data fields below.

Formula Name: Enter the Full Product Name as shown on the principal display panel (Product Label). If the UPC is part of a product group, the formula name should be the same for all UPCs within the group and prepopulated when the group name was selected.

Who will provide the formula?: This information references the party that will complete the “Formulation” section of the CPRT. Users have already entered the formulator contact information. Formulator information is available as a dropdown.

If the Responsible Party will provide the formula for this product, select/enter “self” from the dropdown. If a Formulator will submit formula information to ARB, select/enter the name of the Formulator that holds the formula information from the dropdown.

Note: “Self” means that the responsible party is the product formulator.

Note: Aerosol Coating Products and Aerosol Adhesives are **Not Required** to report ingredient information. Select/enter **NR** in this data field for aerosol coating products and aerosol adhesives.

Note: “NR” means not required.

Responsible parties must submit one entire product label for each product or product group submitted (submit only one label file for each product or product group according to the grouping specifications noted above). “**Label**” means any written, printed, or graphic matter affixed to, applied to, attached to, blown into, formed, molded into, embossed on, or appearing upon any consumer product or consumer product package, for purposed of branding, identifying, or giving information with respect to the product or to the contents of the package.

Note: This field will be auto-filled if the product selected is part of a product group.

Note: Aerosol Coating Products and Aerosol Adhesive Products must submit a product label for each product submitted.

It is recommended that companies submit their clear, complete, and legible labels, written in English if available, via *.ps files (PostScript files). If a PostScript file is not available, please submit a *.jpg, *.doc, or *.pdf file.

Image File: For each product or product group, as described above, name each image file according to the **Formula Name**.

Note: Users must include the file type *i.e.* *.ps, *.jpg, *.doc, or *.pdf in the image file name.

For Example: When submitting the label for “Best Window Cleaner” (as identified in the **Formula Name** data field), the Image File should be named: *Best Window Cleaner.ps*.

Example: If your reported 25 product UPCs vary only in the type of fragrance used in the final product, please submit only one representative product label for the 25 product UPCs reported.

Note: If your product consists of multiple label files for a single product that together reflect the complete product label you will need to combine and save all the image files into one *.pdf file.

The next several questions are used to calculate product emissions from 2013 calendar year sales in California.

UPC Units Sold: List, for each UPC, the number of individual product units (packages, containers, etc.) sold in California during 2013.

Note: Product units sold at federal military facilities located in California must be included.

Multipack: Multiple units of the same item sold together comprise a multipack. The CPRT automatically defaults to “1.” Any other number denotes a multipack. Enter the number of units (greater than “1”) in the multipack.

For example: ACME package of 2 bottles of shampoo (750 mL) sold as one packaged product would be considered a multipack. Enter “2” in the data field.

Mass/Volume Filled (g or mL): Entries **MUST** be reported in grams (g) for mass filled or milliliters (mL) for volume actually **filled** into the container. This data field accounts for product overfill. For products without “overfill,” record size in mass grams (g) or in volume milliliters (mL) as printed on the product label. Refer to Appendix H for common measurement conversion factors. (*Unit Conversion websites are also available online.*)

Density: For products filled by volume **only** (e.g. milliliters (mL)), provide the density in grams per milliliter (g/mL). The default value entered by the CPRT is “1.” If the density value entered equals “1,” then the CPRT assumes the mass filled is reported in grams. If the density value entered is “other than 1,” the CPRT assumes the volume filled was reported in mL. If a volume is entered that has a density of “1”, please note this in the comment field.

Size on Label: List the size of this product. (Record size in mass grams (g) or in volume milliliters (mL) as printed on the product label.) If there is no overfill, this value should be the same as the mass/volume filled.

Data Collection Method: Select from the dropdown menu, the applicable designation for how sales data were collected. If sales data were estimated by prorating sales data by population to quantify products sold (“Number of Product Units Sold,”) **See *population estimated provided in Appendix I.***

- California Specific Sales Data
- Prorated National Sales
- Prorated Regional Sales
- Prorated Distribution Centers

The data field below relates to the delivery or packaging system.

Product Delivery: Select/Enter from the dropdown menu, the type of delivery or packaging system that best describes this product. If the provided options don’t describe your product, select “other” and specify the delivery or packaging method employed.

Note: To specify “other,” click Other (specify), then click next to the highlighted section of the data field. This activates and allows users to manually enter a description in the data field

The data field below is different from the previous field in that this field is specific to what is the form of this product as it is dispensed from the product or package. Descriptions for the possible selections are provided below.

Form: Select/Enter from the dropdown menu, the option that best describes the form of this product as it is dispensed, or as it leaves the delivery or packaging system.

Note: This data field describes the dispensed form of this product.

If the options provided do not describe the dispensed form of this product, indicate “other” and specify the dispensed form.

post-foaming gel means a semisolid that, upon being dispensed from its container, or upon contact with a surface, or as a result of exposure to body heat or the atmosphere, changes from a semisolid state to a foaming state. “Post-foaming gel” does not include substances that become foam solely from shearing action after being dispensed, such as rubbing the product on the skin or other agitation.

Note: Report non-foaming gels under the “semisolid” option.

foam/mousse means substance that is comprised of two phases: a dispersed gas or vapor phase, and a continuous liquid phase, therein creating a mass of gaseous cells that is separated by thin films of liquid and formed by the juxtaposition of bubbles.

liquid means a substance or mixture of substances which is capable of a visually detectable flow as determined under ASTM D-4359-90. “Liquid” does not include powders or other materials that are composed entirely of solid particles.

Note: Most impregnated wipes/towels/cloths/sheets/pads and ink

dispensing products should be reported as “**liquid**” here. Report *mist or dispersed sprays* under the “**mist/dispersed spray**” option.

semisolid means a product that, at room temperature, will not pour, but will spread or deform easily, including but not limited to gels, pastes, and greases.

Note: Report post-foaming gels under “**post-foaming gel**” option.

solid means a substance or mixture of substances which, either whole or subdivided (such as the particles comprising a powder), is not capable of visually detectable flow as determined under ASTM D-4359-90.

mist/dispersed spray means a substance that, upon being dispensed, generally yields a uniform application of discrete particles or droplets.

other specify: Specify the “other” delivery method by choosing this option and then specify the delivery method.

Note: To specify “other,” click Other (specify), then click next to the highlighted section of the data field. This activates and allows users to manually enter a description in the data field

Relation to Product: Select/Enter your primary relationship to this product from the dropdown menu.

Manufacturer: Selecting “yes” means you are the Manufacturer of this product.

Distributor: Selecting “yes” means you are the Distributor of this product.

Retailer: Selecting “yes” means you are the Retailer of this product.

Contract Packager: Selecting “yes” means you are the Contract Packager of this product.

Specify: Selecting “yes” means allows users to enter a different relationship to this product in the space provided.

Note: Click (Specify), then click next to the highlighted section of the data field. This activates and allows users to manually enter a description in the data field

The data field below allows users to provide additional information related to the product. The CPRT only allows users to select one “relation to product” entry from the dropdown. If more than one selection applies to your product chose **one** entry. In the “comment” field, enter the other selection as a comment.

Other Product Information: Select/Enter additional information related to your product from the dropdown menu.

Note: Entry of “NA” is required for products that are not over-the-counter (OTC) drugs. The CPRT does not allow a blank entry for this data field.

FDA Registered OTC Drug: This product is a Food & Drug Administration (FDA) regulated Over-the-Counter (OTC) drug.

Note: Prescription-only drugs are not covered by this survey and do not need to be reported.

Note: OTC drugs intended for ingestion are not covered by this survey and do not need to be reported.

Note: OTC drugs intended for external use must be reported. *(Includes products used on pets.)*

Examples: External pain analgesics must be reported, whereas ingestible vitamin supplements do not need to be reported.

FIFRA: This product is product is a Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) registered product.

Note: Entry of “NA” is required for products that are not FIFRA registered products. The CPRT does not allow a blank entry for this data field.

The following two data fields allow users to select a primary and, if applicable, a secondary ARB category code to describe the reported product.

Primary ARB Category Code: Select/Enter category code from the 2013 Survey Category Code List. Choose the primary category code that best describes your product according to the product’s principal display panel. If the product category is a regulated category, this should be the primary category.

Note: If you are using the import function, refer to the list of product categories in Appendix A.

Secondary ARB Category Code: Only Select/Enter additional category codes for products that fit more than one 2013 Survey Category Code List, according to their product label. Do not list category codes for uses not displayed on the label.

Note: If you are using the import function, refer to the list of product categories in Appendix A.

The following three data fields request information for products that contain a fragrance ingredient. If your product does not contain a fragrance, leave the next three fields blank.

Note: If your product contains more than one fragrance, enter the most representative fragrance information in the applicable data field.

Note: For products that include more than one fragrance, enter the additional “Fragrance Name,” “Fragrance Formulator,” and “Fragrance Tracking Code” information as a comment in the comment section below.

Note: Responsible Parties that generate fragrances “in-house” must complete the three fragrance information fields.

Fragrance Name: Enter the name of the fragrance, as provided by the fragrance formulator.

Note: Responsible Parties that are also the fragrance formulator must enter the fragrance name here.

Note: For Responsible Parties that do not hold formula information, the Fragrance Name can be entered by the Formulator through the Consumer Products Reporting Tool for Formulators (CPRTF).

Fragrance Formulator: Select/Enter the fragrance formulator from the dropdown menu. The fragrance Formulator information was entered under the Fragrance Formulator button on main Enter/Import Menu page. If a product has more than one fragrance formulator, enter the fragrance formulator that contributes the most to the overall (percent, weight-wise) to the fragrance weight percent.

Note: Responsible Parties that are also the fragrance formulator should have already entered their contact information in the Fragrance Formulator button on the main Enter/Import Menu page. If the Responsible Party is also the fragrance formulator for this product, select the applicable name from the dropdown menu.

Note: For Responsible Parties that do not hold formula information, the name of the Fragrance Formulator can be entered by the Formulator through the CPRTF specific for Formulators.

Fragrance Tracking Code: Enter the fragrance tracking code, as provided by the fragrance formulator.

Note: For Responsible Parties that do not hold formula information, the Fragrance Tracking Code can be entered by the Formulator through the CPRTF specific for Formulators.

Note: Responsible Parties must enter the fragrance tracking code for fragrances generated “in-house.”

The following three data fields are specific to concentrated products. These fields activated because the user selected the “*Some or all products sold as concentrate(s)*” (✓) box in the Responsible Party section. If your product displays dilution recommendations on the label, you must enter the dilution ratio minimum, maximum, and specify the diluent in the applicable data field. If your product does not display dilution recommendations on the label have completed the required product information.

Dilution Ratio Minimum: Enter the minimum amount of diluent to (assumed) 1 part product. This is the “most concentrated” use of the product, as specified on the product’s label.

Maximum: Enter the maximum amount of diluent to (assumed) 1 part product. This is the “least concentrated” use of the product, as specified on the product’s label.

Diluent: Water is the assumed diluent. If the diluent is “other” than water, specify and enter the diluent in this data field.

Example: If a concentrated general purpose cleaner recommends diluting 1 part product to 1 part water for extra strength cleaning, and 1 part product to 4 parts water for light cleaning. Then:

“1” is entered in the **Dilution Ratio Minimum** field,
“4” is entered in the **Maximum** field, and
“water” is entered in **Diluent** field

If a product can be used “straight” or non-diluted, enter “0” in the **Dilution Ratio Minimum** field.

Comments: Provide any comments that will help us understand your product or how you have filled out the survey for this product.

Note: As described above, if your product uses more than one Fragrance Name, Fragrance Formulator, and Fragrance Tracking Code, please list that information here.

For Example: A scented candle product is formulated using three separate fragrances that may or may not be supplied from the same fragrance house. After entering the most representative fragrance information in the applicable fragrance data fields, enter the remaining fragrance names, fragrance tracking codes, and fragrance formulator information as a comment in the comment data field.

If additional products will be entered, click either the “Save/Add” or “Add” buttons to continue.

Click the “Save/Close” button to save entered information and return to the “Enter/Import Menu” screen.

Users that hold the formula information are now ready to begin entering formula information into CPRT’s Formulations section. If a Responsible Party does not hold the formula information, please skip to the “Check Data” section of the instructions.

Formulations

Click the “Formulations” button on the “Enter/Import Menu” screen to begin.

Note: Click “OK” on the window that pops up. This window reminds users that they must select a product from the dropdown menu before being allowed to enter formulation data.

If the responsible party holds all formulation information, then the responsible party will complete this formulation information section.

Note: If the responsible party does not hold the formulation information, this section will be completed by the formulator later. The product formulators are required to submit ingredient data to ARB directly. In order to facilitate this process and ensure confidentiality of product formulations held by formulators, ARB staff has developed the Consumer Products Reporting Tool for Formulators (CPRTF) to allow formulators to submit ingredient data to ARB.

In the case when the responsible party does not hold the formulator information, the responsible party will enter information for the Product Name and the Product ID data fields, and then generate the CSV file with this information to send to the formulator for the completion of the ingredient information. This type of CSV file is generated by clicking the “Export Formulator Data” button on the Main Menu screen, which is explained in more detail under the “Export Formulator Data” section of the instructions.

In order to generate the most accurate list of column headings for the import function, go to the 2013 Survey webpage at <http://www.arb.ca.gov/consprod/regact/2013surv/2013main.htm> and download the template excel file below the CPRT version. For more information on importing the formulation information, please see the end of this section.

In addition to the data fields on this screen, the CPRT includes a series of administrative buttons to allow users to navigate between screens, print, and save/close the CPRT.

Administrative buttons: The following two buttons “Print,” and “Save/Close,” are administrative. Descriptions for each button follow.

Print: Click to print.

Save/Close: Click the “Save/Close” button to save the formulation information. Clicking this button returns the user to the “Enter/Import Menu” screen.

This Page contains confidential business information: Select (✓) this box to designate information on this data entry page as confidential.

To begin entering formulation information, select a product from the dropdown menu.

Select Formula Name: Select/Enter the Formula Name of the product, as identified by the Responsible Party, from the dropdown menu.

Note: If you are the Formulator for this product, the Responsible Party will provide you a CSV file with the information necessary to complete the Formulations information section below. All Formula Names will be available via the dropdown

menu. For more information for reporting as a formulator, please see the formulator reporting instructions.

This section is to be completed by the holder of the formulation information, whether it is the Responsible Party or the Formulator.

Note: Formulators will complete the formulation information via the CPRTF.

The section below describes how to enter ingredient information for each product.

If multiple formulas were used during Calendar Year 2013, the most recent formula should be reported. If ingredients varied because they were supplied by different vendors, report the ingredients from the most representative vendor (i.e. largest amount used, etc.).

List all ingredients that comprise at least 0.1 weight percent (Wt. %) of the product.

Additional Information for Reference:

- List of common product ingredients reported for the past surveys is available in a separate Excel file (please see Appendices C, D and E). This includes VOCs, LVP-VOCs, and select Inorganic compounds.
- Specific reporting requirements for Hydrocarbon Solvent mixtures, Inorganic compounds, Grouped Totals, and Other Specific ingredients are listed below.

Total Wt%: This field is automatically calculated and populated as the user begins to enter ingredient information in the data fields below. All ingredients listed below must total to 100 weight percent in this box.

Information required for each ingredient listed:

When reporting the ingredients for a series of grouped products, enter the most representative formula.

Chemical Name: Enter/Select the chemical name for the ingredient compound.

Note: Users can customize the list of chemical available in the dropdown by clicking on the "Setup/Maintenance" button.

Grouped Totals

The dropdown menu includes several terms to describe the options for grouping ingredients. The sections "Grouped Inorganic Compounds," "Grouped VOCs that are each less than 0.1 Wt. %," and "Grouped LVPs" (below) describe these listings in the dropdown menu.

Below is a description of the term "Grouped Inorganic Compounds."

Grouped Inorganic Compounds: Enter the aggregated weight percent of all inorganic compound ingredients except for several specific ingredients listed below:

- Water (H₂O)

- Ammonium chloride (NH₄Cl)
- Ammonium hydroxide (NH₄OH) *i.e.* ammonia in solution
- Hydrogen peroxide (H₂O₂)
- Compressed air
- Carbon dioxide (CO₂)
- Nitrogen (N₂)
- Nitrous oxide (N₂O)

The eight inorganic compounds listed above are listed as specific ingredients in the CPRT dropdown menu.

Examples of Grouped Inorganic Compounds include: calcium carbonate, hydrochloric acid, mica, pumice, silica, talc, titanium dioxide, etc.

Below is a description of the term “Grouped VOCs that are each less than 0.1 Wt. %” in the dropdown.

Grouped VOCs that are each less than 0.1 Wt. %: Aggregate all VOC compounds for which each individual compound comprises less than 0.1 weight percent of the product. Select this term from the dropdown menu to enter in the value.

Below is a description of the term “Grouped LVP” in the dropdown.

Grouped LVP: Aggregate all other non-volatile organic compounds. (Do not include VOCs, LVP-VOCs listed in Appendix D.

Examples include: botanicals/herbal extracts, colorants, enzymes, organic solids, resins/polymers, surfactants

For Example: beeswax, cellulose, corn starch, non-volatile silicones, oils, non-volatile polymers, sodium xylenesulfonate, styrene butadiene rubber, tallow, triclosan, urea, xanthan gum, paraffin wax, mineral oil

Note: Surfactant VOCs **must** be reported as speciated individual ingredient.

Note: Solvent or liquid carrier within the resin system **must** be reported as individual ingredients.

Note: “**Floor Polish or Wax:**” All organic compound ingredients **must** be reported as individual ingredients. No “Grouped LVP” allowed. **

**Grouping LVPs is
not allowed for
“Floor Polish or Wax!”**

**Full speciation for these products is needed to better understand the temporal relationship between a “Floor Polish or Wax” and a “Floor Coating.”

Reporting fragrance content: Aggregate all fragrance together and enter the total by selecting “fragrance” from the dropdown menu to enter in the value.

For Example: If more than one fragrance is used in this product, aggregate the amount of fragrance entered in the fragrance data fields with the amount of fragrance(s) entered as a comment in the comment section. Select “fragrance” from the dropdown menu and enter the total amount (wt%) of fragrance in the product.

Weight Percent: Enter the weight percent of the ingredient, to the nearest 0.1 Wt %. If the ingredient is a mixture of known components, list the weight percentages of the individual components.

Note: If the product is sold as a concentrate, list the Wt. % as sold (undiluted).

CAS Number: If a compound chemical name is listed in the dropdown menu in the CPRT, the Chemical Abstract Service (CAS) number will automatically be populated. If a compound is not listed, manually enter the CAS number. The CAS number for the compound or mixture must be obtained from your supplier.

Note: If your supplier does not provide a CAS number, please contact ARB staff by email at: csmrprod@arb.ca.gov. Please include the name of the ingredient, and if available, the tradename and manufacturer in the email. ARB staff will reply to confirm the absence of the CAS number or provide users with the appropriate CAS number to use in the CPRT.

Note: If there is not a CAS # assigned to your chemical in the dropdown list, it is not needed.

Note: Do Not enter CAS # for Hydrocarbon solvents. Examples include: Mineral Spirits, mixed Xylenes, VM&P Naphtha, Petroleum Distillates, etc.

Note: Do not include dashes when entering the CAS # into the CPRT.

The next three data fields are specific to hydrocarbon solvent mixtures.

Trade Name: Enter Manufacturer’s name for the Hydrocarbon Solvent.

Manufacturer Name: Enter the name of the Manufacturer for the Hydrocarbon Solvent

Bin #: List the Bin Number for the Hydrocarbon Solvent. Please contact your ingredient supplier or manufacturer if you do not know the Bin #.

Note: *A list of commonly used hydrocarbon solvents, bin numbers and other information are provided in Appendix E.*

Conf: “Conf” means the abbreviation for “confidential.” To designate ingredient information as “confidential,” select the (✓) box in the data field next to each ingredient (manual entry) or populate the data field with “True” for users of the import function.

The following two sections describe how users can use the import functions to import data from CSV files.

Import Products

Product information can be imported from a prepopulated file saved in *.csv format. As mentioned earlier, a user can upload data into the CPRT in addition to any data already entered interactively without overwriting the existing data. This is also the case for multiple csv files that are added to the CPRT. In order to successfully import the data, the column headings in the csv file must match those within the CPRT. In order to generate the most accurate list of column headings for the import function, go to the 2013 Survey webpage and click on the excel file below the CPRT to obtain the correct column order of headings.

**Import Product
CSV Files**

Note: CPRT will not upload files with missing product information. CPRT will also not do a partial upload by only importing products with complete data and leaving out products that are incomplete. If any of the products in the import file are missing data, none of the products in the import file will be uploaded into the CPRT. The user must correct/complete the import file before attempting to upload product data again.

**Incomplete Files Will
Not Be Uploaded
Into CPRT**

Import Products: Click on this button to upload saved files with product information into CPRT. Select correct files when prompted by the popup window. Click "Ok" in the next popup window to confirm the upload. If CPRT identified any missing mandatory product information in the file, a popup window will appear with a message that a text file entitled "ProductErrors.txt" has been generated. This file will appear in the same folder that the product csv file was uploaded from. Review the report and correct any errors identified in the original import file. Once the errors have been fixed, please re-upload csv file into the CPRT. The originally entered csv file with the errors is automatically deleted (even the files that are correct).

Import Formulations

Product formulations can also be imported from a prepopulated file saved in *.csv format. In order to successfully import the data, the column headings in the csv file must match those within the CPRT. In order to generate the most accurate list of column headings for the import function, go to the 2013 Survey webpage and click on the excel file below the CPRT to obtain the correct column order of headings.

**Import Formulation
CSV Files**

Note: CPRT will not upload files with missing formulation information. CPRT will also not do a partial upload by only importing complete formulations and leaving out formulations that are incomplete. If any of the fields in the import file are missing data, none of the formulations in the import file will be uploaded into the CPRT. The user must correct/complete the import file before attempting to upload formulation data again.

**Incomplete Files Will
Not Be Uploaded
Into CPRT**

Import Formulations: Click on this button to upload saved files with formulations into the CPRT. Select correct files when prompted by the popup window. Click “Ok” in the next popup window to confirm the upload. If CPRT identified any missing mandatory product information in the file, a popup window will appear with a message that a text file entitled “FormulaErrors.txt” has been generated. This file will appear in the same folder that the product csv file was uploaded from. Review the report and correct any errors identified in the original import file. Once the errors have been fixed, please re-upload csv file into the CPRT. The originally entered csv file with the errors is automatically deleted (even the files that are correct).

Congratulations: Users are now ready to begin the data check features.

Check Data

By clicking on the “Check Data” button on the Main Menu screen the user will direct the CPRT to check entered data for missing information. This step must be done before the data can be exported to be submitted to ARB. It may also be done at any time during the data entry, if desired.

Note: The CPRT will not activate the “Submit/Export Data” button on the Main Menu screen, which is designed for exporting data and submitting it to ARB, unless all of the data is complete. If any of the required information has been left blank during the original data entry it must be completed through the “Check Data” button before the final data export.

Below is a description of different command buttons provided on the “Check Data” menu screen.

Company

To check entered company data click on the “Company” button on the “Check Data” menu screen. If the user has already entered all of the required company data, a popup window will appear with a message “The company data are complete!” If any of the data are incomplete, a popup window will appear with a message “Some required fields are not completed yet. Please fill all required data.” Click “OK” to proceed.

Next, the user will be taken to the “Responsible Party” data entry screen. All of the data fields on this screen are mandatory except for the parent company contact information at the bottom. Fill out all of the mandatory data fields that are still missing information.

When done, click “Save/Close” button in the upper right hand corner of the page. If any mandatory company information is still missing, a popup window will appear with a message “The company data are not complete! Do you want to review it again?” By clicking “Yes,” the

user will be taken back to the “Responsible Party” data entry page to complete entering the missing information. By clicking “No” in the popup window the user will be taken back to the “Check Data” menu screen. However, the company data will remain incomplete and will have to be revisited by the user again before CPRT will allow the data to be exported for submittal to ARB.

Once the user enters all of the missing company information and clicks “Save/Close” button, a popup window will appear with the message “The company data are complete!” Click “OK” to go back to the “Check Data” menu screen. From this point on, if the user were to click on the “Company” button on the “Check Data” menu screen, a popup window with “The company data are complete!” message will appear.

Products

To check entered product data, click on the “Products” button. If the user has already entered all of the required product data, a popup window will appear with a message “The Product data are complete!” If any of the data are incomplete, a popup window will appear with a message “Some required fields are not completed yet. Please fill all required data.” Click “OK” to proceed.

Next, the user will be taken to the “Product Information” data entry screen where data for the first incomplete product will be displayed. Fill out all of the fields with missing product information for the displayed product. If there is more than one product with incomplete information, it will be listed in the dropdown “Select/Edit” field at the top of the page. As described below, the dropdown “Select/Edit” field will be used to go to the next incomplete product once the missing information for the currently displayed product is filled in.

The “Check” button at the bottom of the page provides an extra data check feature for entered product data. Click on the “Check” button to see a popup window with a list of data fields that are still missing information for the displayed product. Review the list of missing information and click “OK” to close the popup window. When the user clicks on the “Check” button after entering all of the missing information for the displayed product, a popup window will appear with a message “Everything OK.”

Once the information for the currently displayed product is complete, select the next incomplete product from the dropdown “Edit/Select” field at the top of the page. Follow the steps described above to fill in the missing data. Repeat the process until the missing information has been entered for all of the incomplete products on the dropdown “Edit/Select” field.

When done, click “Save/Close” button in the upper right hand corner of the page. If any product information is still missing for one or more of the products, a popup window will appear with a message “The product data are not complete! Do you want to review it again?” By clicking “Yes,” the user will be taken back to the “Product Information” data entry page to complete entering the missing information. By clicking “No” in the popup window the user will be taken back to the “Check Data” menu screen. However, the product data will remain incomplete and will have to be revisited by the user again before CPRT will allow the data to be exported for submittal to ARB.

Note: Because the dropdown list of incomplete products in the “Edit/Select” field is not automatically refreshed to remove completed entries unless the user leaves the pages entirely and enters back in by clicking on the “Products” button, the user should make sure to select each of the products in the dropdown “Edit/Select” field to determine which are still missing information.

Once the user enters all of the missing product information and clicks “Save/Close” button, a popup window will appear with a message “The product data are complete!” Click “OK” to go back to the “Check Data” menu screen. From this point on, if the user were to click on the “Product” button on the “Check Data” menu screen, a popup window with “The product data are complete!” message will appear.

Product Formulators

To check information entered for product formulators, click on “Products Formulators” button. If the user has already entered all of the required product formulator information, a popup window will appear with a message “The Product Formulators data are complete!” If any of the data are incomplete, a popup window will appear with a message “Some required fields are not completed yet. Please fill all required data.” Click “OK” to proceed.

Next, the user will be taken to the “Product Formulators” data entry screen where data for the first incomplete formulator will be displayed. Fill out all of the fields with missing product formulator information for the displayed formulator. If there is more than one product formulator with incomplete information, it will be listed in the dropdown “Select/Edit” field at the top of the page. As described below, the dropdown “Select/Edit” field will be used to go to the next incomplete product formulator once the missing information for the currently displayed formulator is filled in.

Once the information for the currently displayed product formulator is complete, select the next incomplete formulator from the dropdown “Edit/Select” field at the top of the page. Follow the steps described above to fill in the missing data. Repeat the process until the missing information has been entered for all of the incomplete product formulators in the dropdown “Edit/Select” field.

When done, click “Save/Close” button in the upper right hand corner of the page. If any product formulator information is still missing for one or more of the formulators, a popup window will appear with a message “The product formulator data are not complete! Do you want to review it again?” By clicking “Yes,” the user will be taken back to the “Product Formulator” data entry page to finish entering the missing information. By clicking “No” in the popup window, the user will be taken back to the “Check Data” menu screen. However, the product formulator data will remain incomplete and will have to be revisited by the user again before CPRT will allow the data to be exported for submittal to ARB.

Note: Because the dropdown list of incomplete product formulators in the “Edit/Select” field is not automatically refreshed to remove completed entries unless the user leaves the pages entirely and enters back in by clicking on the “Product Formulators” button, the user should make sure to select each of the formulators in the dropdown “Edit/Select” field to determine which are still missing information.

Once the user enters all of the missing product formulator information and clicks “Save/Close” button, a popup window will appear with a message “The product formulator data are complete!” Click “OK” to go back to the “Check Data” menu screen. From this point on, if the user were to click on the “Product Formulators” button on the “Check Data” menu screen, a popup window with a “The product formulator data are complete!” message will appear.

Fragrance Formulators

To check information entered for fragrance formulators, click on “Fragrance Formulators” button. If the user has already entered all of the required fragrance formulator information, a popup window will appear with a message “The Fragrance Formulators data are complete!” If any of the data are incomplete, a popup window will appear with a message “Some required fields are not completed yet. Please fill all required data.” Click “OK” to proceed.

Next, the user will be taken to the “Fragrance Formulators” data entry screen where data for the first incomplete fragrance formulator will be displayed. Fill out all of the fields with missing formulator information for the displayed formulator. If there is more than one fragrance formulator with incomplete information, it will be listed on the dropdown “Select/Edit” field at the top of the page. As described below, the dropdown “Select/Edit” field will be used to go to the next incomplete fragrance formulator once the missing information for the currently displayed formulator is filled in.

When done, click “Save/Close” button in the upper right hand corner of the page. If any information is still missing for any of the fragrance formulators, a popup window will appear with a message “The fragrance formulator data are not complete! Do you want to review it again?” By clicking “Yes,” the user will be taken back to the “Fragrance Formulator” data entry page to complete entering the missing information. By clicking “No” in the popup window the user will be taken back to the “Check Data” menu screen. However, the fragrance formulator data will remain incomplete and will have to be revisited by the user again before CPRT will allow the data to be exported for submittal to ARB.

Note: Because the dropdown list of incomplete fragrance formulators in the “Edit/Select” field is not automatically refreshed to remove completed entries unless the user leaves the pages entirely and enters back in by clicking on the “Fragrance Formulators” button, the user should make sure to select each of the formulators in the dropdown “Edit/Select” field to determine which are still missing information.

Once the user enters all of the missing fragrance formulator information and clicks “Save/Close” button, a popup window will appear with a message “The fragrance formulator data are complete!” Click “OK” to go back to the “Check Data” menu screen. From this point on, if the user were to click on the “Fragrance Formulators” button on the “Check Data” menu screen, a popup window with “The Fragrance formulator data are complete!” message will appear.

Review Data

The CPRT allows the user to review entered information for products, ingredients and formulators in a table format. These options are provided under the “Review Data” button, located on the Main Menu screen.

Note: None of the reports generated under the “Review Data” button need to be submitted to ARB. They are provided for review purposes only.

Below is a description of different command buttons provided on the “Review Data” menu screen.

Products

Click on the “Products” button to view a summary table of entered product information. Information displayed will include product name, UPC code, category code, product sales and other information for all products entered or imported into the CPRT.

Click on “Close” to return to the “Review Data” main screen.

Ingredients

Click on the “Ingredients” button to view a summary table of entered products with their corresponding ingredient information. Ingredient information displayed will include chemical names, CAS numbers and weight % values for all products entered or imported into the CPRT.

Click on “Close” to return to the “Review Data” main screen.

Formulators

Click on the “Formulators” button to view a summary table for entered formulator information. This list includes formulator company information, addresses and contacts for all product formulators and fragrance formulators entered into the CPRT.

Click on “Close” to return to the “Review Data” main screen.

When done, click on “Back to Main Menu” to return to the Main Menu screen.

Export Formulator Data

Click on “Export Formulator Data” button to generate CSV files to send to the formulator for completion of the formula information. In the popup window, select

“FormualtorKey.txt” lists files to export to formulators

location for files to be saved on the computer. Confirm by clicking “OK” in the next popup window.

Next, locate the exported files on your computer. You will find one “FormulatorKey.txt” file, which will have a list of exported files and corresponding formulators those files should be sent to, and one CSV file per each of the formulators you entered in the CPRT. Refer to the “FormualtorKey.txt” file to send each of the exported CSV files to a corresponding formulator.

Submit Export Data

Once all the data has been entered into the CPRT, the user must export csv files to submit to ARB. To do this, click the “Submit/Export Data” button in the CPRT. Before exporting, a popup window will appear with “Certification must be complete to continue.” Click “OK” to continue to the Survey Certification page. The purpose of this page is to document specific regulatory compliance. This section is to be completed by an authorized representative “(Management Level) for the Responsible Party, certifying that all information submitted in this survey is true, accurate and complete. Then, the CPRT will prompt the user to save the csv files. CSV files for responsible party, formulator, product and ingredients information will then be saved to your computer for future upload.

The final csv files, including the certification csv can be submitted to ARB beginning on January 1, 2015. For more information on this process, please register for the webinar on December 15, 2014 that will be designed to go over this process.

When done, click on “Back to Main Menu” to return to the Main Menu screen.

Review Submitted Data

As part of the Quality Assurance/Quality Control (QA/QC) process for the 2013 Survey, ARB staff intends to conduct a detailed review of the information submitted for the 2013 Survey by individual company. The detailed reviews may be conducted by interactive webinar, or if more convenient, in person to ensure data management systems that a company has in place are adequate to assure ARB staff the submitted survey data is true, accurate and complete. The company will be notified by ARB staff 90 days prior to the detailed review for planning purposes.

As with past surveys, ARB staff intends to release preliminary data summaries following ARB staff review of survey data for quality assurance/quality control. Preliminary data summaries will likely include: a) list of all responding companies, b) category totals, c) categories ranked by mass emissions, and d) and category emissions data. In cases where there are fewer than three companies or products reported in a category, data are typically withheld to protect confidentiality of those responding companies. Preliminary survey data summaries will likely be consistent with past data postings. Examples of

previous survey data postings (2006 Survey) are available at:
<http://www.arb.ca.gov/consprod/regact/2006surv/datasum2006a.htm>.

If there are questions regarding the instructions, please email csmrprod@arb.ca.gov.

Appendix A: List of Survey Categories

Survey Code	Category Name
10000 ADHESIVES, SEALANTS, AND RELATED PRODUCTS	
10100 Adhesives	
10101	Arts and Crafts Adhesive
10102	Automobile Headliner Adhesive
10103	Automotive Engine Compartment Adhesive
10104	Carpet and Tile Adhesive
10105	Construction, Panel, or Floor Covering Adhesive
10106	Contact Adhesive - General Purpose
10107	Contact Adhesive - Special Purpose
10108	Fabric/Textiles Adhesive
10109	Flexible Vinyl Adhesive
10110	General Purpose Adhesive
10111	Household Glues and Paste
10112	Laminate Repair/Edgebanding Adhesive
10113	Mist Spray Adhesive
10114	Mounting Adhesive
10115	Plastic Pipe Cement and Primer
10116	Polyolefin Adhesive
10117	Polystyrene Foam Adhesive
10118	Rubber Cement
10119	Screen Printing Adhesive
10120	Specialty Automotive Adhesive
10121	Tackifying Agent (semi-permanent)
10122	Temporary/Removable Adhesive
10123	Thread Locking Compound
10124	Wallpaper Adhesive
10125	Web Spray Adhesive
10126	Woodworking Glue
10199	Other adhesives
10200 Sealants and Caulks	
10201	Cold Process Roof Cement (aerosol only)
10202	Driveway Patching Compound
10203	Floor Seam Sealer
10204	Insulating and Sealing Spray Foam
10205	Painter's Putty

10206	Pipe Thread Sealant/Pipe Joint Compound
10207	Plumber's Putty
10208	Rubberized Sealant
10209	Sealant or Caulking Compound -- Chemically Curing
10210	Sealant or Caulking Compound -- Nonchemically Curing
10211	Spackling Compound
10212	Tile and Grout Sealer
10213	Window Glazing Compound
10214	Wood Filler
10299	Other sealants and caulks
20000 HOUSEHOLD AND INSTITUTIONAL PRODUCTS	
20100 Air Fresheners	
20101	Air Freshener, Double Phase Aerosol
20102	Air Freshener, Single Phase Aerosol
20103	Dual Purpose Air Freshener/Disinfectant (aerosol)
20104	Air Freshener, liquid/pump spray
20105	Air Freshener, solid/semisolid
20124	Other air fresheners
20125 Odor Removers/Eliminators	
20126	Odor Remover/Eliminator (aerosol)
20127	Odor Remover/Eliminator (nonaerosol)
20129	Other odor remover/eliminator products
20150 Other Scented Products (no air freshening claims)	
20151	Incense Product
20152	Liquid Candle
20153	Scented Candle
20154	Potpourri/Potpourri Oil
20199	Other scented products
20200 Arts and Crafts Supplies	
20201	Artist Solvent and Thinner
20202	Ceramic Finishing Product
20203	Specialty Cleaning Product
20204	Molding and Casting Materials (Including all related products)
20299	Other arts and crafts supplies

20300 Cleaners and Degreasers	
20301	Bathroom and Tile Cleaner (aerosol)
20302	Bathroom and Tile Cleaner (nonaerosol)
20303	Bug and Tar Remover (non-automotive)
20304	Cooktop Cleaner
20305	Disinfectant (aerosol)
20306	Disinfectant (nonaerosol)
20307	Dusting Aid (aerosol)
20308	Dusting Aid (nonaerosol)
20309	Garbage Disposal Cleaner
20310	General Purpose Cleaner (aerosol)
20311	General Purpose Cleaner (nonaerosol)
20312	General Purpose Degreaser (aerosol)
20313	General Purpose Degreaser (nonaerosol)
20314	General Purpose Degreaser sold exclusively to establishments which manufacture or construct goods (labeled not for retail sale)
20315	Glass Cleaner (aerosol)
20316	Glass Cleaner (nonaerosol)
20317	Grout Cleaner
20318	Gum or Candle Wax Remover
20319	Hard Surface Rust Stain Remover
20320	Jewelry Cleaner, Polish, and Soap
20321	Metal Polish/Cleanser (aerosol)
20322	Metal Polish/Cleanser (nonaerosol)
20323	Mildew Remover
20324	Multi-purpose Remover
20325	Oven or Grill Cleaner (aerosol)
20326	Oven or Grill Cleaner (nonaerosol)
20327	Plastic Cleaner
20328	Sanitizer (aerosol)
20329	Sanitizer (nonaerosol)
20330	Septic Tank Cleaner
20331	Single Purpose Cleaner
20332	Single Purpose Degreaser
20333	Soap Impregnated Scouring Pad
20334	Toilet/Urinal Care Product (aerosol)
20335	Toilet/Urinal Care Product (nonaerosol)
20336	Wood Cleaner (aerosol)
20337	Wood Cleaner (nonaerosol)

20399	Other cleaners and degreasers
20400 Dishwashing Products	
20401	Dish Detergent/Soap (manual)
20402	Dish Detergent/Soap (machine)
20403	Dishwasher Sanitizer
20404	Film and Spot remover
20405	Grill Cleaner
20406	Pretreatment/Presoak
20407	Rinse Aid
20499	Other dishwashing products
20500 Fabric, Carpet, and Upholstery Care Products (Non-Laundry Products)	
20501	Anti-static Product (aerosol)
20502	Anti-static Product (nonaerosol)
20503	Carpet and Upholstery Cleaner (aerosol)
20504	Carpet and Upholstery Cleaner (nonaerosol - dilutable)
20505	Carpet and Upholstery Cleaner (nonaerosol - ready-to-use)
20506	Carpet Deodorizer and Freshener
20507	Fabric and Carpet dye
20508	Fabric Protectant (aerosol)
20509	Fabric Protectant (nonaerosol)
20510	Fabric Refresher (aerosol)
20511	Fabric Refresher (nonaerosol)
20512	Spot Remover (aerosol)
20513	Spot Remover (nonaerosol)
20514	Waste and Urine Deodorizer
20515	Waterproofer
20516	Water Repellant
20599	Other fabric, carpet, and upholstery care products
20600 Food-Related Sprays and Aerosol Products	
20601	Aerosol Cooking Spray
20602	Aerosol Cheese Topping
20603	Aerosol Dessert Topping
20699	Other food-related sprays and aerosol products

20700 Fuels and Lighter Materials	
20701	Charcoal Lighter Material
20702	Fire Log and Related Products
20703	Lighter Fluid (non-charcoal)
20704	Portable Cooking/Heater/Stove Fuel
20705	Self-starting Briquet
20706	Wick Lamp Fuel, Scented and Nonscented
20707	Fire Starter (not charcoal lighter material)
20799	Other fuels and lighter materials
20800 Garden and Lawn Care Products	
20801	Anti-desiccant/Anti-transpirant Products
20802	Blossom Set Products
20803	Foliar Sprays without pesticide claims
20804	Leaf Shine Products
20805	Pesticide Adjuvants
20806	Plant Growth Regulators
20807	Pruning/Grafting Sealers or Paints
20808	Soil Penetrants
20899	Other garden and lawn care products
20900 Laundry Products	
20901	Bluing Agent
20902	Detergent Booster
20903	Detergent
20904	Dryer Sheets/Fabric Softener - Single Use Dryer Product
20905	Fabric Wash
20906	In-dryer Fabric Care
20907	Laundry Prewash (aerosol/solid)
20908	Laundry Prewash (all other forms)
20909	Laundry Starch/Sizing/Fabric Finish Product
20910	Presoak
20911	Spot Remover (aerosol)
20912	Spot Remover (nonaerosol)
20913	Soap
20914	Sizing and Fabric Finish
20915	Washing Soda
20916	Water Softener and Conditioner
20917	Whitener/Brightener
20918	Wrinkle Releasing Spray/Reducer/Remover
20999	Other laundry products

21000 Miscellaneous Household Products	
21001	Anti-Seize Lubricant (aerosol)
21002	Anti-Seize Lubricant (nonaerosol)
21003	Cutting or Tapping Oil (aerosol)
21004	Cutting or Tapping Oil (nonaerosol)
21005	Drain Opener
21006	Driveway Cleaner
21007	Firearm Lubricant
21008	Gear, Chain, or Wire Lubricant (aerosol)
21009	Gear, Chain, or Wire Lubricant (nonaerosol)
21010	Household Mold and Mildew Retardant
21011	Lubricants sold exclusively to establishments which manufacture or construct goods (labeled not for retail sale)
21012	Multi-purpose Dry Lubricant
21013	Multi-purpose Lubricant
21014	Penetrant
21015	Plant Leaf Cleaner and Wax
21016	Rubber and Vinyl Protectant (aerosol)
21017	Rubber and Vinyl Protectant (nonaerosol)
21018	Rust Preventative or Rust Control Lubricant (aerosol)
21019	Rust Preventative or Rust Control Lubricant (nonaerosol)
21020	Silicone-based Multi-purpose Lubricant
21021	Single Purpose Lubricant
21022	Stone Maintenance Product (includes counter and floor products)
21023	Defense Spray (e.g. pepper spray)
21024	Pressurized Gas Bottle Opener Propellant Cartridges
21099	Other lubricants and penetrants
21100 Office Supply Products	
21101	Chalkboard or Whiteboard Cleaner
21102	Correction Fluid
21103	Dry Erase Markers
21104	Highlighters
21105	Inks, Toners, Ribbons, and Cartridges for office equipment
21106	Permanent Markers
21107	Wet erase Markers
21199	Other office supply products
21200 Pool/Spa/Whirlpool/Jacuzzi/Pond Products	
21201	Algaecide/Disinfectant/Sanitizer/Shock Treatment
21202	pH/Water Balancers

21203	Clarifier
21204	Fragrance
21299	Other pool/spa/whirlpool/jacuzzi maintenance products
21300 Shoe and Leather Care Products	
21301	Footwear or Leather Care Product (aerosol)
21302	Footwear or Leather Care Product (solid)
21303	Footwear or Leather Care Product (all other forms)
21304	Leather Preservative Treatments (including waterproofers)
21399	Other shoe and leather care products
21400 Waxes and Polishes	
21401	Floor Maintenance Product
21402	Floor Polish or Wax (for resilient flooring)
21403	Floor Polish or Wax (for nonresilient flooring)
21404	Floor Polish or Wax (for wood floors)
21405	Floor Wax Stripper
21406	Furniture Maintenance Product (aerosol)
21407	Furniture Maintenance Product (nonaerosol)
21408	Spray Buff Product
21499	Other household waxes and polishes
30000 PERSONAL CARE PRODUCTS	
30100 Antiperspirants and Deodorants	
30101	Antiperspirant
30102	Deodorant
30103	Foot Deodorant
30104	Feminine Hygiene Deodorant
30199	Other antiperspirant and deodorant products
30200 Body, Hand, and Face Cleaners	
30201	Anti-microbial Dry Hand Wash
30202	Anti-microbial hand or body cleaner or soap
30203	Aromatherapy Bath or Shower product
30204	Astringent and Toner (Medicated; FDA regulated)
30205	Astringent and Toner (Non-FDA regulated)
30206	Bath oils/beads/capsules
30207	Body Wash/Mousse/Gel/Soap/Foam/Scrub
30208	Body Wipes/Towelettes
30209	Chemical Peels
30210	Exfoliant/Peel/Polish
30211	Eye Makeup Remover
30212	Face Wipes/Towelettes

30213	Facial Cleaner and Soap
30214	Facial Masque/Mask
30215	General Use Hand or Body Cleaner or Soap
30216	Hand Wipes/Towelettes
30217	Heavy-Duty Hand Cleaner or Soap (all forms)
30218	Heavy-Duty Hand Cleaner or Soap (nonaerosol)
30219	Other face soaps/cleaners/scrubs
30299	Other hand cleaners, sanitizers, and soaps
30300 Eyeglass and Contact Lens Care Products	
30301	Contact Lens Cleaners
30302	Eyeglass Cleaners
30399	Other eyeglass and contact lens care products
30400 Facial and Body Treatments	
30401	Aromatherapy/Mist Product/Scented Oil
30402	Body or Baby Powder
30403	Depilatory
30404	Hand and Body Conditioner, Cream, Lotion, and Moisturizer
30405	Skin Colorant (including body paint)
30406	Skin Lightener
30407	Skin Protectant/Lubricant/Humectant
30408	Spray-on Stocking
30409	Sunless Tanning Product (aerosol)
30410	Sunless Tanning Product (nonaerosol)
30411	Sunscreen (hair or body) (aerosol)
30412	Sunscreen (hair or body) (nonaerosol)
30413	Suntan Oil and Lotion
30499	Other facial and body treatments
30500 Fragrance Products	
30501	Deodorant Body Spray
30502	Personal Fragrance Product with <u>20% or less fragrance</u>
30503	Personal Fragrance Product with <u>more than 20% fragrance</u>
30599	Other fragrance products

30600 Hair Care Products	
30601	Bleach and Lightener
30602	Conditioner without styling claims
30603	Dye, permanent
30604	Dye, semi-permanent
30605	Dye, temporary
30606	Hair Finishing Spray
30607	Hair Mousse
30608	Hair Shine
30609	Hair Shine (aerosol)
30610	Hair Styling Product (aerosol and pump spray)
30611	Hair Styling Product (all other forms)
30612	Hair tonic/hair restorer
30613	No Rinse Shampoo
30614	Permanent Wave Treatment
30615	Shampoo
30616	Temporary Hair Color (aerosol)
30617	Thermal Protectant
30699	Other hair care products
30700 Health Use Products (External Use Only)	
30701	Allergen Control Product
30702	Corn and Callus Removal Product
30703	Ear Drops
30704	Ear Wipes
30705	External Analgesic Product
30706	Feminine Hygiene Cleanser
30707	Lice Treatment/Shampoo
30708	Liquid Bandage Product
30709	Personal Lubricant
30710	Rubbing Alcohol
30711	Topical Acne Product
30712	Topical Anti-fungal Product
30713	Wart Removal Product
30714	Witch Hazel
30799	Other external health use products (including other external-use-only OTC drugs)

30800 Make-up Cosmetics	
30801	Eyebrow Pencil/Powder
30802	Eyeliner
30803	Eye Shadow
30804	Lipstick/Lip Gloss
30805	Makeup Base, Foundation, or Fixative
30806	Mascara
30807	Rouge or Blush
30899	Other make-up cosmetics
30900 Nail Care Products	
30901	Artificial Nail Extension/Elongation Product
30902	Artificial Nail, Wrap, or Nail Glue Remover
30903	Base Coat/Undercoat
30904	Cuticle Treatment Product
30905	Gel Nail Polish
30906	Nail Glue or Adhesive
30907	Nail polish/lacquer/paint
30908	Nail Polish Remover
30909	Nail Polish Thinner
30910	Nail Product Drying Enhancer
30911	Nail Treatment Product
30912	Top Coat
30999	Other nail care products
31000 Oral Care Products	
31001	Canker Sore/Oral Irritation Products
31002	Denture Adhesive
31003	Fluoride Rinse (all forms)
31004	Gum Rejuvenator
31005	Liquid Breath Freshener/Spray
31006	Mouthwash/Rinse
31007	Plaque and Tartar Removal Products
31008	Toothpaste, Gel, Polish, and Powder
31009	Tooth Sensitivity Product
31010	Tooth Whitening Product
31099	Other oral care products

31100 Shaving Products	
31101	Aftershave Products
31102	Electric Shaver Cleaning or Lubricating Product
31103	Preshave Products
31104	Shaving Cream (aerosol)
31105	Shaving Cream (nonaerosol)
31106	Shaving Gel (aerosol)
31107	Shaving Gel (nonaerosol)
31108	Shaving Soap
31199	Other shaving products
31200 Pet Care Products	
31201	Pet Grooming Products (shampoo, lotion, etc.)
31202	Pet Care Products (pet litter, etc.)
31299	Other pet care products
40000 PESTICIDE PRODUCTS	
40100 Anti-microbial Agents	
40101	Sterilants
40199	Other antimicrobial agents
40200 Fungicides and Nematicides	
40201	Lawn and Garden Fungicide
40202	Lawn and Garden Nematicide
40203	Mold and Mildew Retardant
40299	Other fungicides and nematicides
40300 Herbicides	
40301	Algae Control (non-aquatic)
40302	Aquatic Herbicide
40303	Defoliant
40304	Desiccant
40305	Moss Control Products
40306	Non-selective Terrestrial Herbicide
40399	Other herbicides
40400 Insecticides and Repellents	
40401	Animal Repellent
40402	Botanical Insecticide
40403	Crawling Bug Insecticide (aerosol)
40404	Crawling Bug Insecticide (nonaerosol)
40405	Dust Mite and Allergen Preventative
40406	Dusting Agent
40407	Flea and Tick Insecticide

40408	Flying Bug Insecticide (aerosol)
40409	Flying Bug Insecticide (nonaerosol)
40410	Fumigants
40411	Horticultural Oil
40412	Insecticidal Soap
40413	Insecticide Fogger
40414	Insect Repellent
40415	Insect Repellent (aerosol)
40416	Lawn or Garden Insecticide (aerosol)
40417	Lawn or Garden Insecticide (nonaerosol)
40418	Mothballs
40419	Pest Baits and Traps (not including exempted bait station insecticides)
40420	Pest Repellent Candles
40421	Pest Strips or Tape
40422	Residual Insecticides
40423	Rodent Poison or Bait
40424	Synergists
40425	Wasp or Hornet Insecticide
40499	Other insecticides and repellents
60000 SOLVENT AND THINNING-RELATED PRODUCTS	
60100 Electronic-Related	
60101	Anti-static Product (aerosol)
60102	Anti-static Product (nonaerosol)
60103	Electrical Cleaner
60104	Electronic Cleaner
60105	Electronics Freeze Mist Spray
60106	Energized Electrical Cleaner
60107	Pressurized Gas Duster
60199	Other electronic-related cleaning products
60200 Miscellaneous Solvent and Thinning Products	
60201	Baseboard Stripper
60202	Brush Cleaner and Reconditioner
60203	Clean Up Solvent
60204	Specialty Degreasers (specific use)
60205	Denatured Alcohol
60206	Floor or Wall Covering Adhesive Remover
60207	Gasket or Thread Locking Adhesive Remover
60208	General Purpose Adhesive Remover
60209	Graffiti Remover (aerosol)

60210	Graffiti Remover (nonaerosol)
60211	Lacquer Thinner
60212	Multi-purpose Solvent (aerosol)
60213	Multi-purpose Solvent (nonaerosol)
60214	Paint Remover or Stripper
60215	Paint Thinner (aerosol)
60216	Paint Thinner (nonaerosol)
60217	Specialty Adhesive Remover
60218	Spray Gun Cleaner and Solvent
60219	Surface Preparation Solvent and Cleaner (Marine Vessel and Watercraft Surfaces)
60220	Surface Preparation Solvent and Cleaner (Motor Vehicle Surfaces)
60221	Thinner/Reducer/Retardant (Furniture Coating Systems)
60222	Thinner/Reducer/Retardant (Marine Vessel and Watercraft Coating Systems)
60223	Thinner/Reducer/Retardant (Motor Vehicle Coating Systems)
60224	Other adhesive removers
60299	Other solvent and thinning products
7000 VEHICLE AND MARINE VESSEL AFTERMARKET PRODUCTS	
70100 Detailing Products	
70101	Automotive Wax/Polish/Sealant/Glaze (all other forms)
70102	Automotive Rubbing or Polishing Compound
70103	Automotive Hard Paste Wax
70104	Automotive Instant Detailer
70105	Automotive Instant Detailer (pump sprays)
70106	Bug and Tar Remover
70107	Motor Vehicle Wash (aerosol)
70108	Motor Vehicle Wash (nonaerosol)
70109	Paint and Surface Cleaner
70110	Paint and Surface Protectant (including antifouling products)
70111	Rubber/Vinyl Protectant (aerosol)
70112	Rubber/Vinyl Protectant (nonaerosol)
70113	Rubbing and Polishing Compound (other than automotive)
70114	Scratch and Swirl Remover
70115	Tire or Wheel Cleaner (aerosol)
70116	Tire or Wheel Cleaner (nonaerosol)
70117	Undercoating (aerosol only)
70118	Wax/Polish/Sealant/Glaze (other than automotive)
70119	Aerosol Air Horn

70120	HFC-134a refrigerants (24 oz. sizes & smaller only)
70121	Other Products with HFC-134a refrigerants (24 oz. sizes & smaller only)
70199	Other vehicle and marine vessel detailing products
70200 Maintenance and Repair Products	
70203	Automotive Windshield Washer Fluid (Type "A" Areas)
70204	Automotive Windshield Washer Fluid (Non Type "A" Areas)
70205	Belt Dressing
70206	Body Repair Products (other than coatings)
70207	Brake Anti-Squeal Compound
70208	Brake Cleaner
70209	Carburetor or Fuel-Injection Air Intake Cleaner
70210	Engine Degreaser (aerosol)
70211	Engine Degreaser (nonaerosol)
70212	Engine Starting Fluid
70213	Home-Use Metal Parts Immersion Wash
70214	Mold and Mildew Retardant
70216	Tire Sealants and Inflator
70217	Windshield De-Icer
70218	Windshield Washer Fluid Additive
70219	Windshield Water Repellent
70299	Other vehicle and marine vessel maintenance and repair products
80000 AEROSOL COATING PRODUCTS	
80100 General Coatings	
80101	Clear Coating
80102	Flat Coating
80103	Fluorescent Coating
80104	Metallic Coating
80105	Nonflat Coating
80106	Primer
80200 Specialty Coatings (A)	
80201	Auto Body Primer
80202	Electrical/Electronic/Conformal Coating
80203	Exact Match Finish: Automotive
80204	Exact Match Finish: Engine
80205	Exact Match Finish: Industrial
80206	Flexible Coating
80207	Ground Traffic/Marking Coating
80208	Mold Release Coating
80209	Two Component Coating

80210	Uniform Finish Coating
80300 Specialty Coatings (B)	
80301	Art Fixitive or Sealant
80302	Automotive Bumper and Trim Product
80303	Aviation or Marine Primer
80304	Aviation Propeller Coating
80305	Corrosion Resistant Brass, Bronze, or Copper Coating
80306	Floral Coating
80307	Glass Coating
80308	High Temperature Coating
80309	Hobby/Model/Craft Coating
80310	Marine Spar Varnish
80311	Photograph Coating
80312	Pleasure Craft Finish Primer/Surfacer/Undercoater
80313	Pleasure Craft Topcoat
80314	Polyolefin Adhesion Promoter
80315	Rust Converter
80316	Shellac Sealer
80317	Slip-resistant/Non-slip Grip Coating
80318	Splatter/Multicolor/Stucco Coating
80319	Vinyl/Fabric/Leather/Plastic Coating
80320	Webbing/Veiling Coating
80321	Weld-Through Primer
80322	Wood Stain Coating
80323	Wood Touch-Up/Repair/Restoration Coating
80399	Other Aerosol Coating Product

Appendix B: List of NAICS Codes

This list provides some of the more common North American Industry Classification System (NAICS) codes for the consumer products industry. This list is meant to be a guide to facilitate the survey process, however it is not all-inclusive. The most appropriate 2012 NAICS code(s) may not be listed here for your particular product, service, or business. For purposes of reporting, please report the most appropriate 2012 NAICS code(s) as provided by the U.S. Office of Management and Budget. For more information on the codes, visit the U.S. Census Bureau website: <http://www.census.gov/epcd/www/naics.html>

NAICS Code	North American Industry Classification System Title
MANUFACTURING	
311225	Fats and Oils Refining and Blending
311513	Cheese Manufacturing
311514	Dry, Condensed, and Evaporated Dairy Product Manufacturing
311919	Other Snack Food Manufacturing
311999	All Other Miscellaneous Food Manufacturing
324110	Petroleum Refineries
324122	Asphalt Shingle and Coating Materials Manufacturing
324191	Petroleum Lubricating Oil and Grease Manufacturing
324199	All Other Petroleum and Coal Products Manufacturing
325110	Petrochemical Manufacturing
325132	Synthetic Organic Dye and Pigment Manufacturing
325181	Alkalies & Chlorine Manufacturing
325191	Gum and Wood Chemical Manufacturing
325199	All Other Basic Organic Chemical Manufacturing
325211	Plastics Material and Resin Manufacturing
325320	Pesticide and Other Agricultural Chemical Manufacturing
325411	Medicinal and Botanical Manufacturing
325412	Pharmaceutical Preparation Manufacturing
325414	Biological Product (except Diagnostic) Manufacturing
325510	Paint and Coating Manufacturing
325520	Adhesive Manufacturing
325611	Soap & Other Detergent Manufacturing
325612	Polish & Other Sanitation Good Manufacturing
325613	Surface Active Agent Manufacturing
325620	Toilet Preparation Manufacturing
325992	Photographic Film, Paper, Plate, and Chemical Manufacturing
325998	All Other Miscellaneous Chemical Product & Preparation Manufacturing
326211	Tire Manufacturing (except Retreading)
332992	Small Arms Ammunition Manufacturing

332994	Small Arms Manufacturing
332995	Other Ordinance and Accessories Manufacturing
333315	Photographic and Photocopying Equipment Manufacturing
333515	Cutting Tool and Machine Tool Accessory Manufacturing
336111	Automobile Manufacturing
339112	Surgical and Medical Instrument Manufacturing
339113	Surgical Appliance and Supplies Manufacturing
339114	Dental Equipment and Supplies Manufacturing
339914	Costume Jewelry and Novelty Manufacturing
339920	Sporting and Athletic Goods Manufacturing
339932	Game, Toy, and Children's Vehicle Manufacturing
339941	Pen and Mechanical Pencil Manufacturing
339942	Lead Pencil and Art Good Manufacturing
339943	Marking Device Manufacturing
339994	Broom, Brush, and Mop Manufacturing
339999	All Other Miscellaneous Manufacturing
WHOLESALE	
423120	Motor Vehicle Supplies and New Parts Merchant Wholesalers
423130	Tire and Tube Merchant Wholesalers
423210	Furniture Merchant Wholesalers
423220	Home Furnishing Merchant Wholesalers
423390	Other Construction Material Merchant Wholesalers
423410	Photographic Equipment and Supplies Merchant Wholesalers
423420	Office Equipment Merchant Wholesalers
423430	Computer and Computer Peripheral Equipment and Software Merchant Wholesalers
423450	Medical, Dental, and Hospital Equipment and Supplies Merchant Wholesalers
423490	Other Professional Equipment and Supplies Merchant Wholesalers
423610	Electrical Apparatus and Equipment, Wiring Supplies, and Related Equipment Merchant Wholesalers
423620	Electrical and Electronic Appliance, Television, and Radio Set Merchant Wholesalers
423690	Other Electronic Parts and Equipment Merchant Wholesalers
423710	Hardware Merchant Wholesalers
423720	Plumbing and Heating Equipment and Supplies (Hydronics) Merchant Wholesalers
423820	Farm and Garden Machinery and Equipment Merchant Wholesalers
423840	Industrial Supplies Merchant Wholesalers
423850	Service Establishment Equipment and Supplies Merchant Wholesalers
423910	Sporting and Recreation Goods and Supplies Merchant Wholesalers
423920	Toy and Hobby Goods and Supplies Merchant Wholesalers
423990	Other Miscellaneous Durable Goods Merchant Wholesalers
424120	Stationery and Office Supplies Merchant Wholesalers
424210	Drug and Druggists' Sundries Merchant Wholesalers

424320	Men's and Boys' Clothing and Furnishings Merchant Wholesalers
424330	Women's, Children's, and Infants' Clothing and Accessories Merchant Wholesalers
424340	Footwear Merchant Wholesalers
424410	General Line Grocery Merchant Wholesalers
424450	Confectionary Merchant Wholesalers
424490	Other Grocery and Related Products Merchant Wholesalers
424610	Plastics Materials and Basic Forms and Shapes Merchant Wholesalers
424690	Other Chemical and Allied Products Merchant Wholesalers
424710	Petroleum Bulk Stations and Terminals
424720	Petroleum and Petroleum Products Merchant Wholesalers
424910	Farm Supplies Merchant Wholesalers
424930	Flower, Nursery Stock, and Florists' Supplies Merchant Wholesalers
424950	Paint, Varnish, and Supplies Merchant Wholesalers
424990	Other Miscellaneous Nondurable Goods Merchant Wholesalers
RETAIL	
441110	New Car Dealers
441210	Recreation Vehicle Dealers
441221	Motorcycle, ATV, and Personal Watercraft Dealers
441222	Boat Dealers
441229	All Other Motor Vehicle Dealers
441310	Automotive Parts and Accessories Stores
441320	Tire Dealers
442110	Furniture Stores
442210	Floor Covering Stores
442291	Window Treatment Stores
443111	Household Appliance Stores
443112	Radio, Television, and Other Electronics Stores
443120	Computer and Software Stores
443130	Camera and Photographic Supplies Stores
444110	Home Centers
444120	Paint and Wallpaper Stores
444130	Hardware Stores
444190	Other Building Material Dealers
444220	Nursery, Garden Center, and Farm Supply Stores
445110	Supermarkets and Other Grocery (except Convenience) Stores
445120	Convenience Stores
445299	All Other Specialty Food Stores
446110	Pharmacies and Drug Stores
446120	Cosmetics, Beauty Supplies, and Perfume Stores
446191	Food (Health) Supplement Stores
447110	Gasoline Stations with Convenience Stores
448110	Men's Clothing Stores
448120	Women's Clothing Stores

448130	Children's and Infants' Clothing Stores
448140	Family Clothing Stores
448150	Clothing Accessories Stores
448190	Other Clothing Stores
448320	Luggage and Leather Goods Stores
451110	Sporting Goods Stores
451120	Hobby, Toy, and Game Stores
451130	Sewing, Needlework, and Piece Goods Stores
452111	Department Stores (except Discount Department Stores)
452112	Discount Department Stores
452910	Warehouse Clubs and Supercenters
452990	All Other General Merchandise Stores
453910	Pet and Pet Supplies Stores
453920	Art Dealers
453998	All Other Miscellaneous Store Retailers (except Tobacco Stores)
454111	Electronic Shopping
454113	Mail-Order Houses
454390	Other Direct Selling Establishments
OTHER SERVICES (EXCEPT PUBLIC ADMINISTRATION)	
812112	Beauty Salons
812113	Nail Salons
812199	Other Personal Care Services
812910	Pet Care (except Veterinary) Services
812921	Photofinishing Laboratories (except One-Hour)
812922	One-Hour Photofinishing

Appendix C: List of Chemical Compounds

This list of chemical compounds was generated based on previously conducted consumer products surveys. This list should not be considered a complete list of consumer products ingredients, but is designed to assist Responsible Parties and Formulators when filling out their Formulations section in the CPRT and CPRTF.

Compound Name	CAS #
(±)-Camphor	76222
(±)-Camphor	464493
1-(2-Methoxy-2-methylethoxy)-2-propanol	13429077
1,1,1,2-tetrafluoroethane (HFC-134a)	811972
1,1,1,3,3-Pentafluoropropane	460731
1,1,1,3,3-Pentafluorobutane (HFC-365mfc)	406586
1,1,2 Trichloroethane	79005
1,1-Dichloro-1-fluoroethane (HCFC-141b)	1717006
1,1'-Oxybisooctane	629823
1,2,3,4-Tetrahydroquinoline	635461
1,2,4-Trimethylbenzene	95636
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515424
1,2-Benzisothiazolin-3-one	2634335
1,2-Butylene Oxide	106887
1,2-Dichloroethane	107062
1,2-Pentanediol (Pentylene glycol)	5343920
1,2-Propanediol	26264142
1,3,5,7,9-Pentaoxa-2,4,6,8-tetraplumbacyclotridec-11-ene-2,4	12275079
1,3,5-Trimethylbenzene	108678
1,3,7-Trimethyl-2,6-dioxopurine	95789132
1,3-Benzenedimethaneamine	1477550
1,3-Butadiene	106990
1,3-Butanediol (Butylene glycol)	107880
1,3-Dichloro-1,1,2,2,3-pentafluoropropane	507551
1,3-Dioxolane	646060
1,4-Butanediol	110634
1,5-Pentanediol	111295
1,8-Diamino-3,6-dioxaoctane	929599
10-Undecylenic acid	112389
1-Acetyl-2-phenylhydrazine	114830
1-Amino-2-propanol	78966

1-Benzyl-2-methylimidazole	13750624
1-Bromopropane	106945
1-Chloro-4-methyl-benzene	106434
1-Decene, sulfurized	72162153
1-Dodecanol	112538
1-Ethoxy-2-propanol	1569024
1-Ethyl-2-pyrrolidinone	2687914
1-Ethylpyridinium chloride	2294384
1H-Benzothiazole	95147
1-Hexanol	111273
1-Naphthol	90153
1-Octadecyl ether	544627
1-Propene, 2-methyl-, tetramer	15220856
1-Tetradecene	1120361
2- Pyrrolidone	616455
2-(2-Ethylhexyloxy)ethanol	1559359
2-(Hydroxymethylamino)ethanol	34375285
2-(Methylamino)-2-methyl-1-propanol	27646806
2,2,4-Trimethyl-1,3-pentanediol diisobutyrate	6846500
2,2,4-Trimethyl-1,3-pentanediol isobutyrate	25265774
2,2,4-Trimethylpentane	540841
2,2-Dimethylbutane	75832
2,2-Dimethylpentane	590352
2,2'-Dithiobis[benzothiazole]	120785
2,3-Dimethylbutane	79298
2,3-Dimethylpentane	565593
2,4-Diamino-6-piperidino-pyrimidine-3-oxide	38304915
2,4-Diaminophenoxyethanolsulfate	80997826
2,4-Dichlorophenoxyacetic acid	94757
2,4-Dimethylpentane	108087
2,4-Imidazolidinedione, bromochloro-5,5-dimethyl	16079882
2,4-Pentanedione	123546
2,6-Bis(1,1-dimethylethyl)-4-methylphenol	128370
2,6-Dimethyl-1,3-dioxan-4-ol acetate	828002
2-Amino-6-chloro-4-nitrophenol	6358094
2-Aminobutanol (2-amino 1-butanol)	96208
2-Bromo-2-nitropropane-1,3-diol	52517
2-Butanol	78922

2-Butanone, O,O',O" -(ethenylsilylidyne)trioxime	2224331
2-Butanone, O,O',O" -(methylsilylidyne)trioxime	22984549
2-Butoxy-1-propanol	15821837
2-Butoxyethanol (Ethylene glycol monobutyl ether)	111762
2-Butoxyethyl acetate	112072
2-Chloroacetophenone	532274
2-Diethylaminoethanol	100378
2-Ethoxyethanol	110805
2-Ethoxyethyl acetate	111159
2-Ethyl hexanol	104767
2-Ethyl-1,3-hexanediol	94962
2-Ethylhexyl 4-methoxycinnamate	5466773
2-Ethylhexyl acetate	103093
2-Ethylhexyl methacrylate	688846
2-Hydroxyethyl methacrylate phosphate	52628032
2-Methoxy-1-propanol	1589475
2-Methoxy-1-propyl acetate	70657704
2-Methyl-1,3-propanediol	2163420
2-Methyl-1-propanol	78831
2-Methyl-4-isothiazolin-3-one (Methylisothiazolinone)	2682204
2-Methylpropanal	78842
2-Octanol	123966
2-Octyl-1-dodecanol	5333426
2-Pentanone	107879
2-Phenylphenol	90437
2-Propoxyethanol	2807309
2-Propoxy-1-Propanol	10215302
3-(1-hydroxypropoxy)propyl benzoate	125457592
3,3-Dichloro-1,1,1,2,2-pentafluoropropane (HCFC-225 CA)	422560
3,3-Dimethylpentane	562492
3,5-Dimethyl-1-hexyn-3-ol	107540
3-Aminopropyl-triethoxysilane	919302
3-Glycidoxypropyltrimethoxysilane	2530838
3-Mercaptopropyltrimethoxysilane	4420740
3-Methacryloxypropyltrimethoxysilane	2530850
3-Methoxy butanol	2517433
3-Methoxy-3-methyl-1-butanol	56539663
3-Methylhexane	589344

3-Methylpentane	96140
4,4-Dimethyloxazolidine	51200874
4,6-Dimethyl-2-heptanone	19549805
4-Amino-2-hydroxytoluene	2835952
4-Amino-M-cresol	2835996
4-Chloro-3,5-dimethyl phenol	88040
4-tert-Butylphenyl glycidyl ether	3101608
6-Undecanone	927491
Acetic anhydride	108247
Acetoacetanilide	102012
Acetone (2-Propanone)	67641
Acetonitrile	75058
Acetyl tributyl citrate	77907
Acetylated lanolin	63793602
Acocadamide DEA	68603383
Alcohol ethoxylate	68439463
Alcohols, C12-13, ethoxylated	66455149
Alcohols, C12-C15, ethoxylated	68131395
Alcohols, C8-C18	68551075
Alkoxy polyethoxy ethanol	60828
Alkyl C16-C18 Methyl Esters	67784809
Alkyl dimethyl benzyl ammonium choride	68391015
Alkyl dimethyl ethyl benzyl ammonium chloride	68956796
Alkyl polyethylene glycol	61827427
Alkylbenzenesulfonic acid	68584225
Alkyloxy polyethylene oxyethanol	84133506
Allantoin	97596
Allyl isothiocyanate	57067
Alpha-isomethyl ionone	7388229
Alpha-terpinyl acetate	8007350
Aluminum stearate	637127
Amines, C10-16-alkyldimethyl, N-oxides (C10-16 AO)	70592802
Amino hydroxyethyl ammonium metho sulfate	68410695
Amino methyl propanediol	115695
Aminoethyl aminopropyl dimethyl siloxane	68554541
Aminomethyl propanol	124685
Aminopropyl dimethicone	99363378
Ammonium chloride	12125029

Ammonium hydroxide	1336216
Ammonium lauryl sulfate	2235543
Ammonium nonylphenol	68649558
Amodimethicone	71750806
Anise oil	8007703
Arbutin	497767
Arginine	74793
Ascorbic acid	50817
Ascorbyl glucoside	129499781
Ascorbyl tetraisopalmitate	183476826
Aspartic acid	56848
Avocado oil	8024326
Azelaic acid	123999
B-butyl-N-ethyl-a,a,a-trifluoro-2,6-dinitro-p-toluidine	1861401
Behenyl alcohol	661198
Benzaldehyde	100527
Benzalkonium chloride	8001545
Benzoate ester	84082611
Benzocaine	94097
Benzoic acid	65850
Benzophenone-1	119619
Benzoyl isopropanol	7473985
Benzoyl peroxide	94360
Benzyl acetate	140114
Benzyl alcohol	100516
Benzyl benzoate	120514
Benzyl butyl phthalate	85681
Benzyl cinnamate	103413
Benzyl salicylate	118581
Benzyl dimethylamine	103833
Betaine	107437
bis(1,2,2,6,6-Pentamethyl-4 piperidiny) sebacate	41556267
bis(2-Ethylexyl) Phthalate	117817
bis-(2-Hydroxyethyl) isodecyloxypropylamine oxide	68478659
Bis(Dimethylaminomethyl)-Phenol	71074890
Bisabolol	515695
bis-Diglyceryl polyacyladipate-2	82249330
Butoxypolypropylene glycol	9003138

Butyl acetate	123864
Butyl acrylate	141322
Butyl alcohol	71363
Butyl benzyl phthalate	85687
Butyl glycolate	7397628
Butyl methacrylate	97881
Butyl methoxydibenzoylmethane	70356091
Butyl stearate	123955
Butyloctyl salicylate	190085417
Butylphenylmethylpropional	80546
C10 Alcohol Ethoxylated Propoxylated	
C10 Alcohol Ethoxylates	66455150
C10-12 Branched Alcohols Ethoxylated	
C10-13 Isoalkanes	68551177
C10-16 Alcohols Ethoxylated Propoxylated	69227221
C10-16 Fatty Acids	68002904
C12-14 Alcohols Propoxylated	68439510
C12-15 Alkyl benzoate	68411278
C12-16 Alkyldimethyl Amines	68439703
C12-C15 Ethoxylated alcohols	68551133
C13-16 Synthetic isoparaffin	68551202
C14-C18 Alkyl alcohol	67762305
C16-18 Unsaturated Fatty Acids	68955986
C18-C36 Acid Triglyceride	91052083
C6-10 Alcohols Ethoxylated Propoxylated	68987815
C6-12 Alcohols Ethoxylated Propoxylated	68937666
C6-20 Alcohols Ethoxylated Propoxylated	
C9-C11 Alkyl Polyglucoside	132778086
Caffeine	58082
Calcium disodium EDTA	62339
Calcium propionate	4075814
Calcium stearate	1592230
Calcium thioglycolate	814711
Capric acid	334485
Caprylamidopropyl betaine	73772460
Caprylic acid	124072
Caprylic/Capric Acid	67762361
Caprylylalkonium chloride	959557

Carbon dioxide	124389
Carbon tetrachloride	56235
Carboxymethyl chitin	52108642
Castor oil	8001783
Castor seed oil	8001794
Cedar wood oil	8000279
Ceresin	8001750
Cetearyl alcohol	8005445
Cetearyl alcohol	67762270
Cetearyl ethylhexanoate	90411680
Cetearyl isononanoate	84878331
Cetyl acetate	629709
Cetyl alcohol	36653824
Cetyl caprylate	29710314
Cetyl dimethicone	191044492
Chlorobenzene	108907
Chloroform	67663
Chlorophene	120321
Chloroprene	126998
Chlorphenesin	104290
Choline chloride	67481
Cinnamal	104552
Cinnamyl acetate	103548
Citral	5392405
Citric acid (2-Hydroxy-1,2,3-propanetricarboxylic acid)	77929
Clove oil	8000348
Cocamide DEA	68603429
Cocamide MEA	68140001
Cocamidopropyl betaine	61789400
Cocamidopropyl hydroxysultaine	68139300
Cocamidopropylamine oxide	68155099
Coco-glucoside	141464428
Coconut alcohol	68425376
Coconut oil	8001318
Compressed air	132259100
Corn oil	8001307
Cresols mix	1319773
Cumene hydroperoxide	80159

Cyclohexane	110827
Cyclohexanol	108930
Cyclohexanone	108941
Cyclohexasiloxane	540976
Cyclohexylamine	108918
Cyclohexyl methacrylate	101439
Cyclomethicone	69430246
Cyclopentasiloxane	541026
Cypermethrin	52315078
Decafluoropentane (HFC-43-10mee)	138495428
Decamethylcyclopentasiloxane	541026
Decanol	112301
Decyl glucoside	68515731
Decyl oleate	3687465
Dehydroacetic acid	520456
Dehydroacetic acid	16807480
Dehydroacetic acid (enol form)	771039
Diacetone alcohol	123422
Diammonium EDTA	20824560
Diazinon	333415
Diazolidinylurea	78491028
Dibasic esters (DBE-3)	
Dibutyl phthalate	84742
Dibutyltin dilaurate	77587
Dicaprylyl maleate	2915539
Dicarboxylic acid, sodium salt	68127355
Dicetyl phosphate	2197639
Dichloromethane (methylene chloride)	75092
Didecyl dimethyl ammonium chloride	7173515
Diethanolamine	111422
Diethyl ketone	96220
Diethyl phthalate	84662
Diethylen glycol monoethyl ether	11900
Diethylene glycol	111466
Diethylene glycol dibenzoate	120558
Diethylene glycol mono(2-ethylhexyl) ether	1559360
Diethylene glycol monobenzoate	20587615
Diethylene glycol monobutyl ether	112345

Diethylene glycol monoethyl ether	111900
Diethylene glycol monoethyl ether acetate	112152
Diethylene glycol monohexyl ether	112594
Diethylene glycol monomethyl ether	111773
Diethylene glycol n-butyl ether acetate	124174
Diethylene glycol propyl ether	6881943
Diethylenediamine	110850
Diethylenetriamine	111400
Diethylhexyl cyclohexane	100182465
Diethylmethylketoxime methoxymethyl silane	83817725
Diethyltoluenediamine (DETDA)	68479981
Diflubenzuron	35367385
Diglycerin	59113369
Dihydroabietyl alcohol	13393936
Dihydroxyacetone	96264
Dihydroxypropyl Peg-5 linoleammonium chloride	168677756
Diiosbutyl glutarate	71195647
Diiosbutyl succinate	925064
Diisobutyl ketone	108838
Diisobutyl phthalate	84695
Diisodecyl adipate	27178161
Diisononyl phthalate	28553120
Diisopropanolamine	110974
Diisopropyl adipate	6938949
Diisopropyl para toluidine	38668483
Diisopropylamine	108189
Diisopropylene glycol	110985
Diisostearyl dimer dilinoleate	103213203
Dimethicone (Polydimethylsiloxane)	63148629
Dimethiconol	31692792
Dimethoxymethane	109875
Dimethoxypropane	77769
Dimethyl adipate	627930
Dimethyl ammonium methyl sulfate	61789819
Dimethyl ether	115106
Dimethyl glutarate	1119400
Dimethyl isosorbide	5306854
Dimethyl lauramine	112185

Dimethyl lauramine	67700985
Dimethyl palmitamine	112696
Dimethyl phthalate	131113
Dimethyl succinate	106650
Dimethyl sulfoxide	67685
Dimethylamine	32351705
Dimethylaminomethylphenol	25338550
Dimethylarsinic acid	75605
Dimethylformamide	68122
Dinonylphenyl polyoxyethylene	9014931
Di-n-propyl isocinchomeronate	136458
Diocetyl cyclohexane	84753082
Dioxane (1,4-Dioxane)	123911
Dipentaerythritol (Dipentaerythrityl)	126589
Dipentene	138863
Dipentene	68956569
Diperfluoroalkyl C6-12 Phosphonic Acid	68412691
Diphenyl methane diisocyanate	101688
Dipotassium glycyrrhizate	68797353
Dipropylene glycol	25265718
Dipropylene glycol dibenzoate	27138314
Dipropylene glycol dimethyl ether	111109774
Dipropylene glycol ethyl ether	15764246
Dipropylene glycol methyl ether	20324327
Dipropylene glycol methyl ether acetate	88917220
Dipropylene glycol n-butyl ether	29911282
Dipropylene glycol n-propyl ether	29911271
Dipropylene glycol phenyl ether	51730940
Dipropylene glycol propyl ether	127303871
Dipropylene glycol methyl ether	34590948
Disodium C10-16 ethoxylated sulfosuccinate	68815565
Disodium cocoamphodiacitate	68650395
Disodium cocoamphodipropionate	68604717
Disodium EDTA	6381926
Disodium laureth sulfosuccinate	39354455
D-Limonene	5989275
D-Limonene	68647723
D-Limonene (food grade)	94266274

Dodecene	112414
Esfenvalerate	66230044
Ethane	74840
Ethanol	64175
Ethoxylated alcohol	34398011
Ethoxylated alkyl amines	68478955
Ethoxylated bisphenol	41637381
Ethoxylated dodecanol and tetradecanol alcohol	68213230
Ethoxylated ethylhexanol	26468860
Ethoxylated isooctylphenol	9004879
Ethoxylated propoxylated alcohols, C8-10	68603258
Ethyl acetate	141786
Ethyl acetoacetate	141979
Ethyl acetoacetate, sodium salt	20412628
Ethylbenzene	100414
Ethyl butyrate	105544
Ethyl lactate (D-isomer)	7699005
Ethyl lactate (L-isomer)	687478
Ethyl lactate (racemate)	97643
Ethyl methacrylate	97632
Ethylphenol	90006
Ethyl tosylamide	1077561
Ethyl-3-ethoxypropionate	763699
Ethylene glycol	107211
Ethylene glycol dimethacrylate	97905
Ethylene glycol monohexyl ether	112254
Ethylene glycol monomethyl ether (2-Methoxyethanol)	109864
Ethylene glycol phenyl ether	122996
Ethylene oxide (Oxirane)	75218
Ethylenediaminetetraacetic acid (EDTA)	60004
Ethylhexyl palmitate	29806733
Ethylhexyl salicylate (Octisalate)	118605
Ethylparaben	120478
Ethyltriacetoxysilane	17689779
Etidronic acid	2809214
Etocrylene	5232995
Eucalyptol	470826
Eucalyptus oil	8000484

Eugenol (1,3,4-Eugenol)	97530
Formaldehyde	50000
Formic acid	64186
Fragrance	99999999
Fructose	30237264
Furfuryl alcohol	98000
Garlic oil	8008999
Geraniol	106241
Geranyl acetate	105873
Gluconic acid	526954
Gluteraldehyde	111308
Glycerin	56815
Glyceryl cocoate	68201467
Glyceryl dibehenate	99880645
Glyceryl linoleate	37348655
Glyceryl monostearate	11099073
Glyceryl oleate	37220829
Glyceryl polyacrylate	104365755
Glyceryl ricinoleate	1323382
Glyceryl stearate	31566311
Glycine	56406
Glycol stearate	111604
Glycolic acid (Hydroxyacetic acid)	79141
Glyoxal	107222
Glyoxylic acid	298124
Grapeseed oil	8024224
Grouped Inorganic Compounds	99999998
Grouped LVPs	99999997
Grouped VOCs that are each less than 0.1 Wt. %	99999996
Guar hydroxypropyltrimonium chloride	51978155
HCFC-225cb	507551
Hexamethylcyclotrisiloxane	541059
Hexamethyldisiloxane	107460
Hexamethylenetetramine	100970
Hexamidine	125337
Hexyl acetate	142927
Hexylene glycol (2-Methyl-2,4-pentanediol)	107415
Hydramethylnon	67485294

Hydrocarbon Solvent, Bin# 01	
Hydrocarbon Solvent, Bin# 02	
Hydrocarbon Solvent, Bin# 03	
Hydrocarbon Solvent, Bin# 04	
Hydrocarbon Solvent, Bin# 05	
Hydrocarbon Solvent, Bin# 06	
Hydrocarbon Solvent, Bin# 07	
Hydrocarbon Solvent, Bin# 08	
Hydrocarbon Solvent, Bin# 09	
Hydrocarbon Solvent, Bin# 10	
Hydrocarbon Solvent, Bin# 11	
Hydrocarbon Solvent, Bin# 12	
Hydrocarbon Solvent, Bin# 13	
Hydrocarbon Solvent, Bin# 14	
Hydrocarbon Solvent, Bin# 15	
Hydrocarbon Solvent, Bin# 16	
Hydrocarbon Solvent, Bin# 17	
Hydrocarbon Solvent, Bin# 18	
Hydrocarbon Solvent, Bin# 19	
Hydrocarbon Solvent, Bin# 20	
Hydrocarbon Solvent, Bin# 21	
Hydrocarbon Solvent, Bin# 22	
Hydrocarbon Solvent, Bin# 23	
Hydrocarbon Solvent, Bin# 24	
Hydrogen peroxide	7722841
Hydroxymethyl 5,5 dimethylhydantoin (cis-9-Tricosene)	27636824
Hydroxycitronellal	107755
Hydroxycyclohexyl phenyl ketone	9004653
Hydroxymethyl methacrylate	868779
Imidacloprid	138261413
Indole	120729
Iodopropynyl Butylcarbamate	55406536
Isobornyl acetate	125122
Isobornyl acrylate	5888335
Isobutane	75285
Isobutyl acetate	110190
Isobutyl Isobutyrate	97858
Isobutyltrimethoxysilane	18395307

Isodecyl neopentanoate	60209827
Isodecyl oleate	59231344
Isododecane	31807553
Isoeicosane	52845075
Isoeugenol	97541
Isoheptane	591764
Isohexadecane (Heptamethylnonane)	4390049
Isohexadecane (Heptamethylnonane)	60908772
Isohexane	107835
Isononyl isononanoate	42131259
Isopentane	78784
Isopentyl acetate	123922
Isopentyldiol	50468229
Isophorondiamine	2855132
Isoprene glycol	2568334
Isopropanol	26080191
Isopropyl acetate	108214
Isopropyl alcohol	67630
Isopropyl myristate	110270
Isopropyl palmitate	68649003
Isopropyl-2-cyanoacrylate	10586171
Isopropylamine dodecylbenzenesulfonate	72300244
Isostearic acid	2724585
Jobba oil	61789911
Lactic acid	50215
Lactic acid	79334
Lactone	91645
Lanogene	70321630
Lanolin	8006540
Lanolin alcohol	8027336
Lauric acid	143077
Lauryl betaine	683103
Lavandin oil	8022159
Lecithin oil (soybean oil)	8002435
Lemon grass oil	8007021
Lemon oil	8008560
Lemon oil	68916892
Ligroine	8032324

Lime oil	68916847
Linalool	78706
Linalyl acetate	115957
Linden extract	84929522
Linear ethoxylated alcohol	68439509
Linoleic acid	60333
Linseed oil	8001261
L-lysine	56871
Lysolecithin	85711586
Macadamia ternifolia seed oil	128497201
Magnesium ascorbyl phosphate	114040312
Magnesium lauryl sulfate	3097083
Magnesium stearate	557040
Malathion	121755
Maleic acid	110167
Maleic anhydride	108316
Maltodextrin	9050366
m-Aminophenol	591275
Manganese gluconate	6485398
MEA-Borate	10377818
MEA-Borate	26038879
MEA-Borate	68130121
Menthol	89781
Menthoxypropanediol	87061049
Menthyl lactate	59259380
Metaldehyde	9002919
Methacrylate	79414
Methanol	67561
Methicone	9004733
Methomyl	16752775
Methyl 2-octynoate	111126
Methyl acetate	79209
Methyl amyl alcohol	108112
Methyl cyclohexane	108872
Methyl decanoate	110429
Methyl dihydroxyethyl isotridecylpropyl ammonium chloride	1338234
Methyl ethyl benzene (Cumene, isopropylbenzene)	98828
Methyl ethyl ketone	78933

Methyl ethyl ketoxime	96297
Methyl glucose sesquistearate	6893658
Methyl hydrogenated rosinat	8050155
Methyl isobutyl ketone	108101
Methyl methacrylate	80626
Methyl n-amyl ketone	110430
Methyl nonafluoro butyl ether	163702076
Methyl nonafluoro isobutyl ether	163702087
Methyl nonyl ketone	112129
Methylparaben (Methyl 4-hydroxybenzoate)	99763
Methyl salicylate	119368
Methyl soyate	67784809
Methylamine	74895
Methylchloroisoithiazolinone (5-chloro-2-methyl-4-isothiazolin-3-one)	26172554
Methylcyclopentane	96377
Methyltriacetoxysilane	4253343
Methyltrimethoxysilane	1185553
Mineral Oil	2323842
Mineral Oil	8020835
Mineral Oil	8042475
Mineral Oil/Paraffin Oil	8012951
Mink Oil	8023743
Monochlorotoluene	95498
Monochlorotoluene	25168052
Monoethanolamine	141435
Monosodium acid methanearsonate	2163806
Monosodium citrate	1310732
Monosodium citrate	18996355
Morpholine	110918
m-Xylene	108383
Myristic acid	544638
Myristyl lactate	1323031
Myristyl propionate	6221950
N,N- Dimethyldodecylamine-N-Oxide	1643205
N,N,N',N'-Tetrakis(2-Hydroxyethyl)ethylenediamine	140078
N,N'-Diethyl-m-toluamide and isomers (DEET)	134623
N,N-diethyl-p-toluidine	613489
N,N-dimethylaniline	121697

N,N-dimethyl-o-toluidine	609723
N,N-dimethyl-para-toluidine	99978
n-Alkyl dimethyl benzyl ammonium chloride	68424851
N-Aminoethylpiperazine	140318
n-Amyl alcohol	71410
Naphthalene	91203
n-Butane	106978
n-Butyl ethanolamine	111751
n-Butyl propionate	590012
Neats foot oil	8002640
Neodecanoic acid	26896208
Nerol	106252
n-Ethylcyclohexylamine	5459938
n-Ethyl-N-Soya morpholinium ethanosulfate	61791342
n-Heptane	142825
n-Hexane	110543
n-Hexanoic acid	142621
Niacinamide, nicotinamide	98920
Nitroethane	79243
Nitrogen	7727379
Nitromethane	75525
Nitrous oxide	10024972
n-Lauroyl sarcosine	97789
n-Methyl-2-pyrrolidone	872504
n-Octane	111659
n-Octyl acetate	112141
n-Octyl bicycloheptene	113484
n-Octyl pyrrolidone	2687947
Nonane	111842
n-Pentane	109660
n-Propane	74986
n-Propanol	71238
n-Propyl acetate	109604
o-Cresol	95487
Octadecanoic acid, 2-hexyldecyl ester	17618450
Octadecyl amine	124301
Octamethylcyclotetrasiloxane	556672
Octenol	3391864

Octoxyglycerin	70445339
Octyl hydroxystearate	2938264
Octyldimethylamine oxide	2605789
o-Cymen-5-ol	3228022
Oleic acid	112801
Oleyl alcohol	143282
Oleyl betaine	871374
Orange oil	8008579
Orange oil	8028486
Organopolysiloxane	67923684
ortho Dichlorobenzene	95501
ortho-sec-Butyl cyclohexanone	14765301
Oxalic acid	144627
Oxo-Decyl acetate	108419377
Oxo-Decyl acetate	108419347
Oxo-Dodecyl acetate	108419348
Oxo-Dodecyl acetate	108419358
Oxybenzone	131577
Oxydemeton-Methyl	301122
Palm oil	8023798
Palmitic acid	57103
p-Amyl acetate	628637
panthenol	16485102
Panthenyl hydroxypropyl steardimonium chloride	13246776
Para chloro meta xylenol	880040
Paraffin wax	8002742
p-Chlorobenzotrifluoride	98566
Pelargonic acid	112050
Pentaerythritol	115775
Pentaerythrityl tetraethylhexanoate	7299992
Pentaethylene glycol	4792158
Pentyl propionate	624544
peppermint extract	8006904
Perfluoro-1,3-dimethylcyclohexane	335273
Perfluoroalkyl C6-12 Phosphonic Acid	68412680
Petrolatum	8009038
Phenethyl alcohol	60128
Phenol	108952

Phenyl dimethicone	9005123
Phenyl trimethicone	2116849
Phthalate acid esters	68648931
Phthalic anhydride	85449
Picaridin (icaridin)	119515387
Pine oil	98555
Pine oil	8002093
Piperonyl butoxide	51036
Poly methyl vinyl ether/mono-ethyl maleate	25087063
Poly(oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)-omega-hydroxy-branched	127087870
Polyalkylene glycol	68309320
Polybutene	9003285
Polychloroprene	9010984
Polydecene	37309583
Polyethylene	9002884
Polyethylene glycol	25322683
Polyethylene glycol mono[4-(1,1,3,3-Tetramethylbutyl)phenyl] ether	9002931
Polyethylene glycol nonylphenyl ether	9016459
Polyethylene naphthalate	25853854
Polyethylene oxide monoallyl ether	27274313
Polyethylene terephthalate	25038599
Polyethylene chlorosulfonated	68037398
Polyglyceryl-2 diisostearate	63705033
Polyglyceryl-6 polyrinoleate	107615510
Polyglycol dimethacrylate	25852475
Polyisobutene	9003274
Polymethyl methacrylate	9011147
Polyoxyethylene sorbitum monoleate	9005656
Polypropylene	9003070
Polystyrene	9003536
Polyvinyl chloride (PVC)	9002862
Polyvinylpyrrolidone (PVP)	9003398
Potassium oxalate	583528
Potassium phosphate polyether ester	
Potassium salt of fatty acids	10124659
Potassium sorbate	590001
Pramitol	1610180
Propionic acid	79094

Propyl acetate	169604
Propyl paraben	94133
Propylene	115071
Propylene Carbonate	108327
Propylene di-caprate	68583517
Propylene glycol	57556
Propylene glycol	26264142
Propylene glycol dicaprylate/dicaprate	58748279
Propylene glycol dipelargonate	41395839
Propylene glycol isoceteth-3 acetate	93385138
Propylene glycol monobutyl ether	29387868
Propylene glycol monomethyl ether	107982
Propylene glycol monomethyl ether acetate	108656
Propylene glycol n-butyl ether	5131668
Propylene glycol n-propyl ether	1569013
Propylene glycol phenyl ether (Phenoxyisopropanol)	770354
Propylene glycol propyl ether	15690103
Propylene glycol t-butyl ether	57018527
Propylene oxide	75569
Protease enzyme	9014011
PVP/ Eicosene Copolymer	28211189
PVP/ Hexadecene Copolymer	32440509
Pyridine hydrochloride	628137
Pyridoxine hydrochloride	58562
Pyriproxyfen	95737681
Rabon	961115
Retinol	68268
Retinyl acetate	127479
Rosemary oil	8000257
Saccharide isomerate	100843694
Saccharin	81072
Safflower oil	8001238
Salicylic acid	69727
Sesame oil	8008740
Silane, dichlorodimethy-, reaction products with silica	68611449
Silicic acid, trimethylsilyl ester	56275015
Siloxanes	68083147
Silylated Organic Surfactant Blend	

Sodium 2-ethylhexyl sulfate	126921
Sodium acetate (anhydrous)	127093
Sodium acrylates copolymer	28205961
Sodium alkyl carboxylate	
Sodium alpha olefin sulfonate	68439576
Sodium ascorbyl phosphate	66170103
Sodium behenoyl lactylate	27847752
Sodium benzoate	532321
Sodium C12-14 Amines-tert-alkylated ethoxylated sulfates	72379249
Sodium carbonate	497198
Sodium carboxymethyl dextran	39422838
Sodium carboxymethylcellulose	9004324
Sodium caseinate	9005463
Sodium citrate	68042
Sodium citrate	994365
Sodium citrate (Anhydrous)	680402
Sodium citrate (Dihydrate)	6132043
Sodium citrate (Pentahydrate)	6858442
Sodium cocate	61789319
Sodium cocoamphoacetate	68334214
Sodium cocoyl isethionate	61789320
Sodium cocyl isethionate	58969270
Sodium cumene sulfonate	32073226
Sodium dehydroacetate	4418262
Sodium dioctyl sulfosuccinate	577117
Sodium dodecylbenzenesulfonate	25155300
Sodium gluconate	527071
Sodium glycinate	6000448
Sodium hyaluronate	9067327
Sodium isethionate	1562001
Sodium lactate	72173
Sodium laureth sulfate	3088311
Sodium lauroamphoacetate	156028147
Sodium lauroylsarcosinate	137166
Sodium lauryl ether ethox sulfate	68585342
Sodium lauryl ether sulfate	9004824
Sodium lauryl sulfate	151213
Sodium lauryl sulfoacetate	1847581

Sodium mercaptobenzothiazole	2492264
Sodium methy cocoyl taurate	12765398
Sodium methylparaben	5026620
Sodium mono dihexadecyl	65143897
Sodium octanesulfonate	5324845
Sodium o-phenylphenate	132274
Sodium palm kernelate	61789897
Sodium palmate	61790792
Sodium phenate	139026
Sodium polyacrylate	9003047
Sodium salt of polymethacrylic acid	25087267
Sodium Secondary C13-18 Alkyl Sulfonate	68037490
Sodium starch octenylsuccinate	52906931
Sodium starch octenylsuccinate	66829296
Sodium starch octenylsuccinate	70714613
Sodium stearate	822162
Sodium tallate	61790452
Sodium tallowate	8052480
Sodium xylenesulfonate	1300727
Sorbic acid	110441
Sorbitan monooleate	1338438
Sorbitol	50704
Soy Methyl Esters	67784809
Soy Methyl Esters	68919539
Soybean oil	8001227
Spearmint oil	8008795
Squalane	111013
Stearalkonium hectorite	94891335
Stearic acid	57114
Stearoxytrimethylsilane	18748919
Stearyl Alcohol (octadecanol)	112925
Steralkonium hectorite	12691600
Strychnine alkaloid	57249
Styrene	100425
Styrene maleic anhydride	52720340
Sucrose	57501
Sucrose acetate isobutyrate	27216371
Sucrose cocoate	91031888

Sucrose ester	25618754
Sucrose ester	330198533
Sucrose palmitate	26446388
Sulfonate sodium salt	147732603
Sweet almond oil	8007690
Tartaric acid (d-alpha)	147717
Tartaric acid (dl-alpha)	133379
Tartaric acid (L-Form)	87694
t-Butyl alcohol	75650
Tea tree oil	68647734
Tea-cocoyl glutamate	68187291
Teflon (PTFE)	9002840
Terpinolene	586629
Terpinyl acetate	80262
tert-Butyl peroxybenzoate	614459
Tertiary butyl acetate	540885
tertiary Butylhydroquinone	1948330
Tetra (trimethylsiloxy) silane	3555473
Tetrachloroethylene (perchloroethylene)	127184
Tetraethylene glycol	112607
Tetraethylenepentamine	112572
Tetrafluoroethylene	116143
Tetrahexyldecyl ascorbate	183476826
Tetrahydrofuran	109999
Tetrahydrofurfuryl alcohol	97994
Tetrahydrofurfuryl methacrylate	2455245
Tetraisopropyl titanate	546689
Tetramethrin	7696120
Tetramethyldisiloxane	3277267
Tetrapotassium ethylenediamine tetraacetate (EDTA)	5964352
Tetrasodium EDTA	64028
Tetrasodium etidronate	3794830
Tetrasodium Iminodisuccinate	144538830
Theobroma cacao (cocoa) butter	8002311
Thioglycolic acid	68111
Thiophanate-methyl	23564058
Toluene	108883
Toluene diisocyanate (TDI)	584849

trans-1,2-Dichloroethene	156605
Tri-(2-Butoxyethanol) Phosphate	78513
Triacetin	102761
Trichloroethylene	79016
Trichloroisocyanuric acid	87901
Triclosan (5-Chloro-2-(2,4-dichlorophenoxy) Phenol)	3380345
Tricoctyl phosphate	25103122
Tricosene	35857626
Tricresyl phosphate	1330785
Tricyclo decenyl propionate	17511603
Tricyclodecyl acetate	5413605
Tridecyloxypoly (ethyleneoxy) acetic acid	68412555
Triethanolamine	102716
Triethylenetetramine	112243
Triethyl amine	121448
Triethylene diamine	280579
Triethylene glycol	112276
Triethylene glycol dimethacrylate	109160
Triethylene glycol mono-2-ethylhexyl ether	1559371
Triethylene glycol monobutyl ether	143226
Triethylene glycol monoethyl ether	112505
Triethylene glycol monomethyl ether	112356
Triethylhexanoin	7360385
Trifluoromethylbenzene	98088
Triglycerol monooleate	9007481
Triisopropanolamine	122203
Trimethoxyvinylsilane	2768027
Trimethyl pentanyl diisobutyrate	25265724
Trimethylamine hydrochloride	593817
Trimethylbenzene, mixed isomers	25551137
Trimethylene glycol (1,3-Propanediol)	504632
Trimethylhexanal	5435643
Triphenyl phosphate	115866
Tripropylene glycol	24800440
Tripropylene glycol methyl ether	25498491
Tripropylene glycol methyl ether	37286649
Tripropylene glycol monomethyl ether	20324338
Tripropylene glycol n-butyl ether	55934935

Tripropylene glycol n-propyl ether	96077042
Trisiloxane	17861608
Trisodium dicarboxymethyl alaninate	164462162
Trisodium EDTA	150389
Trisodium HEDTA	139899
Trisodium nitrilotriacetate	5064313
Turpentine	9005907
Turpentine	8006642
Undecanol	112425
Vaccinium macrocarpon (cranberry) extract	91770886
Vinyl acetate	108054
Vinyl triisopropoxy silane	15332997
Vinylchloride, vinyl acetate, maleic anhydride polymer	25085829
Water	7732185
Witch hazel	68916392
Witch hazel	84696195
Xylitol	87990
Zinc phenolsulfonate	127822

Appendix D: LVP-VOC, Inorganic, and Group Total Ingredients to Report

This appendix lists the **LVP-VOCs** that must be individually reported (speciated) in the Formulations section in the Consumer Products Reporting Tool (CPRT) or the Product Ingredient Details section in the Formulator CPRT (CPRTF). LVP-VOC status of the materials on this list has not necessarily been validated by the ARB, and inclusion on this list is based on information provided by manufacturers or publically available information. Organic materials that do not appear on this appendix and are not classified as a VOC or an exempt VOC can be summed into the category “Grouped LVP” in the CPRT or CPRTF.

Except for the eight inorganic compounds listed below, all other **Inorganic Compound** ingredients can be aggregated and reported as “Grouped Inorganic Compounds.” All **Grouped Totals** are also listed at the bottom of this appendix.

For further questions, email us at csmrprod@arb.ca.gov.

LVP-VOCs to Report

Compound Name	CAS #
1,3-Butanediol	107-88-0
1,4-Butanediol	110-63-4
1,5-Pentanediol	111-29-5
1-Tetradecene	1120-36-1
2-Ethylhexyl Benzoate	5444-75-7
2-Methyl-2,4-Pentanediol	107-41-5
2-Pyrrolidone	616-45-5
2,2,4-Trimethyl-1,3-Pentanediol Diisobutyrate	6846-50-0
2,2,4-Trimethyl-1,3-Pentanediol Isobutyrate (Texanol™)	25265-77-4
Benzyl Alcohol	100-51-6
Dibasic Ester (DBE-3)	N/A
Dibutyl Phthalate	84-74-2
Diethanolamine	111-42-2
Diethyl Phthalate	84-66-2

Diethylene Glycol	111-46-6
Diethylene Glycol Mono(2-Ethylhexyl) Ether	1559-36-0
Diethylene Glycol Monobutyl Ether	112-34-5
Diethylene Glycol Monoethyl Ether	111-90-0
Diethylene Glycol Monoethyl Ether Acetate	112-15-2
Diethylene Glycol Monohexyl Ether	112-59-4
Diethylene Glycol n-Butyl Ether Acetate	124-17-4
Diethylene Glycol Propyl Ether	6881-94-3
Diisopropyl Adipate	6938-94-9
Dimethyl Adipate	627-93-0
Dimethyl Glutarate	1119-40-0
Dimethyl Phthalate	131-11-3
Dipropylene Glycol	25265-71-8
Dipropylene Glycol Methyl Ether Acetate	88917-22-0
Dipropylene Glycol n-Butyl Ether	29911-28-2
Dipropylene Glycol n-Propyl Ether	29911-27-1
Dipropylene Glycol Phenyl Ether	51730-94-0
Ethylene Glycol	107-21-1
Ethylene Glycol Ester	94944-95-3
Ethylene Glycol Monohexyl Ether	112-25-4
Ethylene Glycol Phenyl Ether; Phenoxyethanol	122-99-6
Glyceryn Triacetate (Triacetin)	102-76-1
Glycerol	56-81-5
Isohexadecane (Heptamethylnonane)	4390-04-9
Isopropyl Palmitate	142-91-6
Methyl Decanoate	110-42-9
Methyl Palmitate	112-39-0
N,N'-Diethyl-m-Toluamide and Isomers (DEET)	134-62-3

n-Heptadecane	629-78-7
n-Tridecane	629-50-5
Oxo-Decyl Acetate	108419-34-7
Oxo-Dodecyl Acetate	108419-34-8
Phthalic Anhydride	85-44-9
Propylene Glycol	57-55-6
Propylene Glycol Phenyl Ether	770-35-4
Soy Methyl Esters	67784-80-9; 68919-53-9
Triethanolamine	102-71-6
Triethylene Glycol	112-27-6
Triethylene Glycol Mono(2-Ethylhexyl) Ether	1559-37-1
Triethylene Glycol Monobutyl Ether	143-22-6
Triethylene Glycol Monoethyl Ether	112-50-5
Triethylene Glycol Monomethyl Ether	112-35-6
Triisopropanolamine	122-20-3
Tripropylene Glycol	24800-44-0
Tripropylene Glycol Methyl Ether	25498-49-1
Tripropylene Glycol n-Butyl Ether	55934-93-5
Tripropylene Glycol n-Propyl Ether	96077-04-2

Compound Name	CAS #	Trade Names	Producers
Hydrocarbon Solvent*	N/A	Aromatic 200	Chem Central, ExxonMobil
Hydrocarbon Solvent*	N/A	C13-16 Paraffin	Sasol North America
Hydrocarbon Solvent*	N/A	CITGO Mineral Seal Oil	CITGO
Hydrocarbon Solvent*	N/A	Conosol® 215	Calumet Penreco
Hydrocarbon Solvent*	N/A	Conosol® 260	Calumet Penreco
Hydrocarbon Solvent*	N/A	Conosol® 340	Calumet Penreco
Hydrocarbon Solvent*	N/A	Conosol® 38V	Calumet Penreco
Hydrocarbon Solvent*	N/A	Conosol® 46V	Calumet Penreco
Hydrocarbon Solvent*	N/A	Conosol® 50V	Calumet Penreco
Hydrocarbon Solvent*	N/A	Conosol® C-170	Calumet Penreco
Hydrocarbon Solvent*	N/A	Conosol® C-200	Calumet Penreco
Hydrocarbon Solvent*	N/A	Conosol® HDW	Calumet Penreco
Hydrocarbon Solvent*	N/A	Drakesol® 205	Calumet Penreco
Hydrocarbon Solvent*	N/A	Drakesol® 220	Calumet Penreco
Hydrocarbon Solvent*	N/A	Drakesol® 260	Calumet Penreco
Hydrocarbon Solvent*	N/A	Drakesol® 305	Calumet Penreco
Hydrocarbon Solvent*	N/A	Exxsol® D110	ExxonMobil
Hydrocarbon Solvent*	N/A	Exxsol® D130	ExxonMobil
Hydrocarbon Solvent*	N/A	Exxsol® D95 Fluid	ExxonMobil
Hydrocarbon Solvent*	N/A	Isopar® M	ExxonMobil
Hydrocarbon Solvent*	N/A	Isopar® V	ExxonMobil
Hydrocarbon Solvent*	N/A	LINPAR® 1416-V Paraffin	Sasol North America
Hydrocarbon Solvent*	N/A	LPA®-170 Solvent	Sasol North America
Hydrocarbon Solvent*	N/A	LPA®-210 Solvent	Sasol North America
Hydrocarbon Solvent*	N/A	Calumet LVP 100	Calumet Lubricants
Hydrocarbon Solvent*	N/A	Calumet LVP 200	Calumet Lubricants
Hydrocarbon Solvent*	N/A	Calumet LVP 300	Calumet Lubricants
Hydrocarbon Solvent*	N/A	Calumet LVP 400	Calumet Lubricants

Hydrocarbon Solvent*	N/A	Norpar® 13	ExxonMobil
Hydrocarbon Solvent*	N/A	Norpar® 14	ExxonMobil
Hydrocarbon Solvent*	N/A	Norpar® 15	ExxonMobil
Hydrocarbon Solvent*	N/A	PD-23	Crompton Witco Refined Products
Hydrocarbon Solvent*	N/A	PD-26	Crompton Witco Refined Products
Hydrocarbon Solvent*	N/A	PD-28	Crompton Witco Refined Products
Hydrocarbon Solvent*	N/A	Soltrol® 170	Chevron Phillips
Hydrocarbon Solvent*	N/A	Soltrol® 220	Chevron Phillips

Inorganic Compound and Grouped Total Ingredients to Report

Compound Name	CAS #
Ammonium Chloride	12125029
Ammonium Hydroxide	1336216
Carbon Dioxide	124389
Compressed Air	132259100
Fragrance	99999999
Grouped Inorganic Compounds	99999998
Grouped LVPs	99999997
Grouped VOCs that are each less than 0.1 Wt. %	99999996
Hydrogen Peroxide	7722841
Nitrogen	7727379
Nitrous Oxide	10024972
Water	7732185

Appendix E: List of Hydrocarbon Solvent Bins

The hydrocarbon solvent materials on this list are to be individually reported in the Formulations section in the Consumer Products Reporting Tool (CPRT) or the Product Ingredient Details section in the Formulator CPRT (CPRTF). This list is provided to help you fill in the fields “Manufacturer,” “Trade Name,” and “Bin #.” This list should NOT be considered a complete list of hydrocarbon solvent materials. Custom blends are NOT represented. Trade names and bin numbers on this list are based on information provided by manufacturers or information publicly available and have not been verified by ARB staff. If you do NOT see your hydrocarbon solvent listed OR if you have a hydrocarbon solvent custom blend, you MUST obtain the trade name and corresponding bin number from your supplier or manufacturer and report them in the CPRT or CPRTF.

Manufacturer		
	Trade Name	Bin #
American Refining Group		
	Kensol 30	15
NEXEO Solutions		
	142 Solvent 66	11
	Hi Sol® 10	22
	Hi Sol® 15	23
	Kwik-Dri®	6
	Lacolene®	6
	Low Odor Base Solvent®	16
	Mineral Spirits 66 (1% Aromatic)	11
	Mineral Spirits 66 (7.5% Aromatic)	14
	Mineral Spirits NE	15
	Odorless Mineral Spirits	12
	VM&P Naphtha	6
	Xylenes	21
Calumet Lubricants		
	Calumet 142 Flash	11
	Calprint 35	16
	Calprint 38	16
	Calprint 600 Solvent	20
	Calumet Hexane	1
	Calumet HP Isohexane	2
	Calumet LVP 100	11
	Calumet LVP 200	16
	Calumet LVP 300	16
	Calumet LVP 400	20
	Calumet Mineral Spirits	15
	Calumet Mineral Spirits (<1%)	11
	Calumet VM&P (<1%)	6
Chemcentral		
	Aromatic 100	22
	Aromatic 150	23
	Aromatic 200	24
	Xylenes	21
	140 Solvent	11
	Heptane	1
	Hexane	1

Manufacturer		
	Trade Name	Bin #
Chemcentral (continued)		
	Mineral Spirits	15
	Odorless Mineral Spirits	11
	VM&P Naphtha	6
Chevron Phillips Chemical Company		
	Soltrol® 10 Fluid	7
	Soltrol® 100 Fluid	7
	Soltrol® 130 Fluid	12
	Soltrol® 170 Fluid	11
	Soltrol® 220 Fluid	16
CITGO		
	142 Solvent 66/3	11
	170 Solvent	11
	Camping Fuel	4
	Citgo Mineral Seal Oil	19
	Heptane	2
	Hexane	1
	Lactol Spirits	10
	Mineral Spirits 150	11
	Mineral Spirits 66/3	11
	Mineral Spirits 75	9
	Naphthol Spirits 66/3	6
	Regular Mineral Spirits	15
	Roto Solv	9
	Rubber Solvent	4
	Solv G	23
	Special Lactolite	6
	Special Naphtholite 66/3	6
	Super Hi Flash Naphtha	22
	Textile Spirits	1
	Xylenes	21
Conoco Phillips		
	Pentanes	1
	Hexanes	1
	Iso-hexanes	2
	Heptanes	1

Manufacturer		
	Trade Name	Bin #
Crompton Witco Refined Products		
	PD-23	17
	PD-26	17
	PD-28	17
Exxonmobil Chemical Company		
	1520 Naphtha	1
	2024 Naphtha	9
	Aromatic 100 Fluid	22
	Aromatic 150 Fluid	23
	Aromatic 200 Fluid	24
	Exxsol® D110 Fluid	16
	Exxsol® D130 Fluid	16
	Exxsol® D3135 Naphtha	6
	Exxsol® D40 Fluid	11
	Exxsol® D80 Fluid	11
	Exxsol® D95 Fluid	N/A*
	Exxsol® DSP 75/100 Naphtha	1
	Exxsol® DSP 115/145 Naphtha	6
	Exxsol® Hexane Fluid	2
	Exxsol® Heptane Fluid	2
	Exxsol® Methylpentane Naphtha	2
	Isopar® C Fluid	7
	Isopar® E Fluid	7
	Isopar® G Fluid	7
	Isopar® H Fluid	12
	Isopar® K Fluid	12
	Isopar® K Naphtha	12
	Isopar® L Fluid	11
	Isopar® M Fluid	16
	Isopar® V Fluid	16
	Norpar® 12 Fluid	12
	Norpar® 13 Fluid	12
	Norpar® 14 Fluid	17
	Norpar® 15 Fluid	17
	OMS	12
	RS Naphtha	5
	Varsol® 1 Fluid	15
	Varsol® 1 Naphtha	15
	Varsol® 110 Fluid	20
	Varsol® 140 Naphtha	15
	Varsol® 18 Fluid	14
	Varsol® 18 Naphtha	9
	Varsol® 3135 Naphtha	10
	Varsol® DX 140 Naphtha	14
	Xylenes	21
Flint Hills Resources		
	Sure-Sol® 100	22
	Sure-Sol® 150	23
	Sure-Sol® 150ND	23
	Xylenes	21

Manufacturer		
	Trade Name	Bin #
Gary-Williams Energy Corporation		
	100W	15
Marathon Ashland Petroleum LLC		
	90 Solvent	6
	142 Solvent	11
	Kwik-Dri®	6
	Lacolene®	6
	Low Odor Base Solvent®	16
	Mineral Spirits Rule 66	11
	Non-Exempt Mineral Spirits	15
	VM&P Naphtha	6
Penreco – Calumet Lubricants		
	Conosol® 170ES	14
	Conosol® 215	16
	Conosol® 260	16
	Conosol® 340	16
	Conosol® 38V	16
	Conosol® 46V	16
	Conosol® 50V	16
	Conosol® 90	11
	Conosol® C-145	13
	Conosol® C-170	13
	Conosol® C-200	18
	Conosol® HDW	16
	Drakesol® 165	11
	Drakesol® 205	16
	Drakesol® 220	16
	Drakesol® 260	16
	Drakesol® 305	16
	Magiesol® 38LX	13
	Magiesol® 40	11
	Magiesol® 44	16
	Magiesol® 47	16
	Magiesol® 47LX	18
	Magiesol® 52	16
	Magiesol® 55LX	16
	Magiesol® 60	16
	Magiesol® 65LX	16
	Penreco® 144ES	14
	Penreco® 150-B	15
	Penreco® LVT200	18
Sasol North America, Incorporated		
	C1316 Paraffin	17
	LINPAR® 1416-V Paraffin	17
	LPA® Solvent	11
	LPA®-142 Solvent	11
	LPA®-150 Solvent	11
	LPA®-170 Solvent	11
	LPA®-210 Solvent	16
	MR Solvent	15

Manufacturer		
	Trade Name	Bin #
Sasol North America, Incorporated (continued)		
	ODC® Solvent	11
	ODC®-15 Solvent	15
	Sasol® 47 Solvent	16
Shell Chemicals		
	Heptane - Cotton Valley	1
	Heptane – Lemont	2
	SHELLSOL® 15	15
	SHELLSOL® 16	15
	SHELLSOL® 7EC	14
	SHELLSOL® 9	15
	SHELLSOL® A100	22
	SHELLSOL® A150	23
	SHELLSOL® B HT	1
	SHELLSOL® D38	6
	SHELLSOL® D40	11
	SHELLSOL® D43	11
	SHELLSOL® D60	11
	SHELLSOL® D80	11
	SHELLSOL® OMS	12

Manufacturer		
	Trade Name	Bin #
Shell Chemicals (continued)		
	SHELLSOL® TC	7
	SHELLSOL® W HT	6
	VM&P Naphtha	6
Whitaker Oil Company		
	142 Flash Solvent (D-60)	11
	Aromatic 100	22
	Aromatic 150	23
	Heptane	2
	Hexane	1
	LPA® 142 Solvent	11
	LPA® 170 Solvent	11
	LPA® 210 Solvent	16
	LPA® Solvent	11
	Mineral Spirits (D-38)	6
	Mineral Spirits, Odorless	12
	Mineral Spirits, Rule 66 (D-40)	11
	Rubber Solvent	4
	VM&P Naphtha HT	6
	Xylenes	21

*No Bin number needed; report only Trade Name and Manufacturer.

Appendix F: Instructions for Downloading Microsoft Access Runtime

The Consumer Products Reporting Tool is designed to work with Microsoft Access 2010 or later. For the best compatibility, please refer below:

- If you have Microsoft Access 2010 or later, you will need to determine if you are using a 32-bit or 64-bit version and download the appropriate tool.
- If you **DO NOT** have Microsoft Access, you may still access the tool by downloading the appropriate Microsoft Access 2010 Runtime or Microsoft Access 2013 Runtime which is compatible with your version of Windows.
- If you are using a previous version of Microsoft Access, it is recommended that you (1) uninstall that version of Microsoft Access and use the appropriate version of Microsoft Access Runtime or (2) obtain a copy of Microsoft Access 2010 or later.

Do I use the 32-bit or 64-bit version of the Consumer Products Reporting tool?

If you currently are running Microsoft Access, you will need to determine if your version of Microsoft Access is 32-bit or 64-bit. To determine your version:

In Office 2013

- Open Access 2013.
- Click **File**, then click **Account**.
- Under **Office Updates**, you can see the version, but to see both the version and platform, click **About Microsoft Access**. The version and platform is listed similar to this:

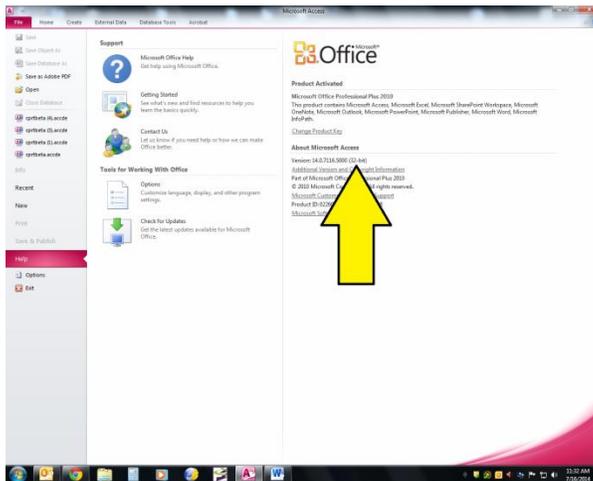
Microsoft Access 2013 (15.0.0000.0000) MSO (15.0.0000.0000) 64-bit

- “64-bit” or “32-bit” is listed at the end.

In Office 2010

- Open Access 2010.
- Click **File**, then click **Help**.
- Under **About Microsoft Access** the version is listed with the platform, similar to this:

Version: 14.0.0000.0000 (32-bit)



- “64-bit” or “32-bit” is listed at the end.

What to do if I do not have Microsoft Access?

The Consumer Products Reporting Tool (CPRT) uses Microsoft Access as a platform. In some cases, your work computer may not have Microsoft Access installed or an older version may be installed, which is not compatible with the CPRT. The CPRT is compatible with 2010 and 2013 Microsoft Access.

If you do not have Microsoft Access 2010 or 2013 installed on your computer, you can still use the CPRT by installing Runtime (a freeware program) on your computer. Below are instructions on how to do so. Once you have determined which version of Runtime to use, please follow the links in this document to download the correct version..

1. Determine your Windows version?

All users who are using Microsoft Windows can find what version of Windows by following the steps below.

- Click **Start**
- Click **Run** or if you see the **Start Search** field click in it.
- Type **winver** and press **Enter**.

This will pull up a new “About Windows” window giving you the version of Microsoft Windows, the build info, and service pack information if any service pack is installed as shown below.



2. Determine if your personal computer is running the 32-bit or 64-bit version of Windows?

Computers running Windows XP

- Click **Start**, right-click **My Computer**, and then click **Properties**.
 - If "x64 Edition" is listed under **System**, you're running the 64-bit version of Windows XP.
 - If you don't see "x64 Edition" listed under **System**, you're running the 32-bit version of Windows XP.

The edition of Windows XP you're running is displayed under **System** near the top of the window.

Computers running Windows Vista or Windows 7

- Click the **Start** button , right-click **Computer**, and then click **Properties**.
 - If "64-bit Operating System" is listed next to **System type**, you're running the 64-bit version of Windows Vista or Windows 7.
 - If "32-bit Operating System" is listed next to **System type**, you're running the 32-bit version of Windows Vista or Windows 7.

The edition of Windows Vista or Windows 7 you're running is displayed under **Windows edition** near the top of the window.

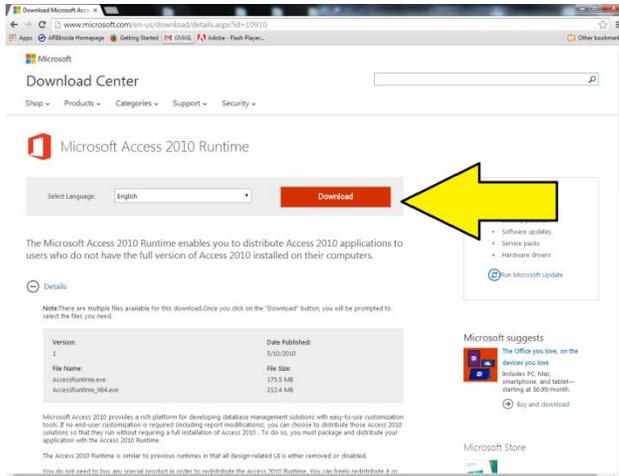
3. Which Microsoft Access Runtime do I need?

- If you are using Windows 7 or higher, Windows Server 2008 R2, or Windows Server 2012, please use Microsoft Access 2013 Runtime. Otherwise, please use Microsoft Access 2010 Runtime.

Microsoft Access 2010 Runtime

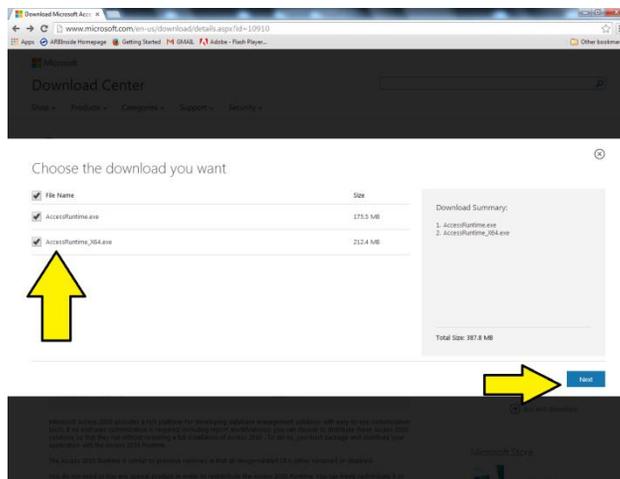
Supports the following operating systems: Windows 7, Windows 8, Windows Server 2003 R2 (32-Bit x86), Windows Server 2003 R2 x64 editions, Windows Server 2008 R2, Windows Server 2008 Service Pack 2, Windows Vista Service Pack 1, Windows XP Service Pack 3.

- Go to <http://www.microsoft.com/en-us/download/details.aspx?id=10910> to begin download of Microsoft Access 2010 Runtime.
- Select the desired language and click “Download”.



- If you are using a 32-bit operating system:
Select the “AccessRuntime.exe” and click **Next**.

If you are using a 64-bit operating system:
Select the “AccessRuntime_X64.exe” and click **Next**.



- To install this download:
 1. Download the file by clicking Download and saving the file to your hard disk.
 2. Double-click the “AccessRuntime.exe” file on your hard disk to start the Setup

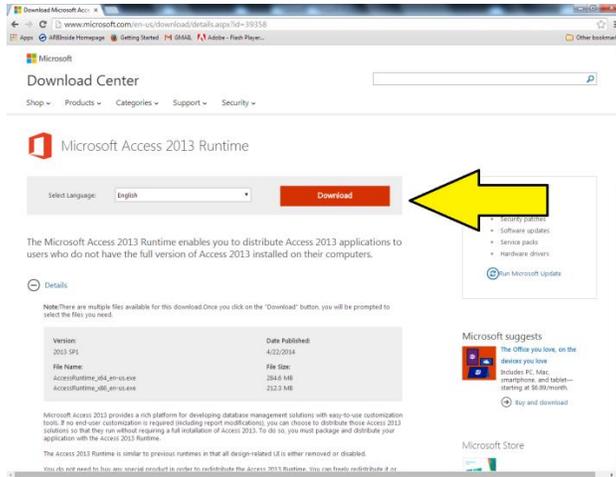
program.

3. Follow the instructions on the screen to complete the installation.

Microsoft Access 2013 Runtime

Supports the following operating systems: Windows 7, Windows 8, Windows Server 2008 R2, Windows Server 2012

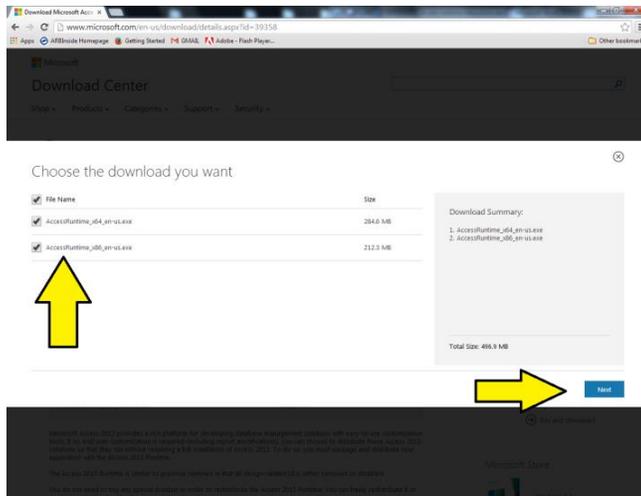
- Go to <http://www.microsoft.com/en-us/download/details.aspx?id=39358> to begin download of Microsoft Access 2013 Runtime.
- Select the desired language and click **Download**.



- If you are using a 32-bit operating system:
Select the “AccessRuntime_x86_en-us.exe” and click **Next**.

If you are using a 64-bit operating system:
Select the “AccessRuntime_x64_en-us.exe” and click **Next**.

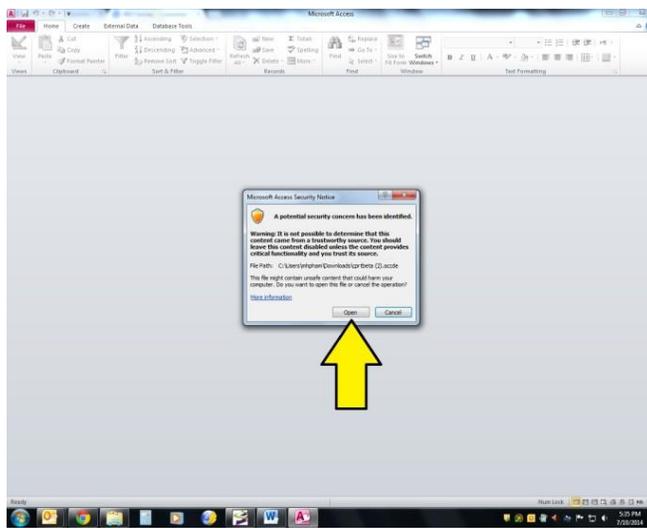
- To install this download:
 1. Download the file by clicking Download and saving the file to your hard disk.
 2. Double-click the “AccessRuntime.exe” file on your hard disk to start the Setup program.
 3. Follow the instructions on the screen to complete the installation.



Starting Consumer Products Reporting Tool

Once Microsoft Access Runtime has been installed,

- Download and save the Consumer Products Reporting Tool found at <http://www.arb.ca.gov/consprod/regact/2013surv/2013main.htm>.
- Open the Consumer Products Reporting Tool.
- Enable the active content of the tool, by Clicking **Open** when prompted by “Microsoft Access Security Notice”.



- You are now ready to begin inputting your information.

Appendix G: Consumer Product Definitions

The definitions in this section clarify terms used throughout the 2013 Survey. These definitions, excluding those printed in *italicized* text, were taken from the California Consumer Products Regulations (title 17, California Code of Regulations, sections 94500-94506.5, 94507-94517, and 94520-94528). These definitions are in underline/ strikeout to reflect the changes from the 2013 Consumer Products and Aerosol Coating Products Regulations Amendments that have been approved by the Office of Administrative Law on September 17, 2014. It was filed with the Secretary of State on September 17, 2014, and will become effective on January 1, 2015. Definitions in *italicized* text are provided for survey purposes only.

Antiperspirants and Deodorants Definitions

“Aerosol Product” means a pressurized spray system that dispenses antiperspirant or deodorant ingredients.

“Antiperspirant” means any product including, but not limited to, aerosols, roll- ons, sticks, pumps, pads, creams, and squeeze-bottles, that is intended by the manufacturer to be used to reduce perspiration in the human axilla by at least 20 percent in at least 50 percent of a target population.

“Colorant” means any substance or mixture of substances, the primary purpose of which is to color or modify the color of something else.

“Deodorant” means:

- 1) for products manufactured before January 1, 2006: any product including, but not limited to, aerosols, roll-ons, sticks, pumps, pads, creams, and squeeze-bottles, that is intended by the manufacturer to be used to minimize odor in the human axilla by retarding the growth of bacteria which cause the decomposition of perspiration.
- 2) for products manufactured on or after January 1, 2006: any product including, but not limited to, aerosol, roll-ons, sticks, pumps, pads, creams, and squeeze-bottles, that indicates or depicts on the container or packaging, or on any sticker or label affixed thereto, that the product can be used on or applied to the human axilla to provide a scent and/or minimize odor.

“Executive Officer” means the Executive Officer of the Air Resources Board, or his or her delegate.

“Fragrance” means a substance or complex mixture of aroma chemicals, natural essential oils, and other functional components with a combined vapor pressure not in

excess of 2 mm of Hg at 20°C, the sole purpose of which is to impart an odor or scent, or to counteract a malodor.

“High Volatility Organic Compound (HVOC)” means any organic compound that exerts a vapor pressure greater than 80 millimeters of Mercury (mm Hg) when measured at 20°C.

“Manufacturer” means any person who imports, manufactures, assembles, produces, packages, repackages, or relabels an antiperspirant or deodorant.

“Medium Volatility Organic Compound (MVOC)” means any organic compound that exerts a vapor pressure greater than 2 mm Hg and less than or equal to 80 mm Hg when measured at 20°C.

“Non-aerosol Product” means any antiperspirant or deodorant that is not dispensed by a pressurized spray system.

“Roll-on Product” means any antiperspirant or deodorant that dispenses active ingredients by rolling a wetted ball or wetted cylinder on the affected area.

“Stick Product” means any antiperspirant or deodorant that contains active ingredients in a solid matrix form, and that dispenses the active ingredients by frictional action on the affected area.

“Volatile Organic Compound (VOC)” means any compound containing at least one atom of carbon, excluding carbon monoxide, carbon dioxide, carbonic acid, metallic carbides or carbonates, and ammonium carbonate, and excluding the following:

- (1) methane,
methylene chloride (dichloromethane),
1,1,1-trichloroethane (methyl chloroform),
trichlorofluoromethane (CFC-11),
dichlorodifluoromethane (CFC-12),
1,1,2-trichloro-1,2,2-trifluoroethane (CFC-113),
1,2-dichloro-1,1,2,2-tetrafluoroethane (CFC-114),
chloropentafluoroethane (CFC-115),
chlorodifluoromethane (HCFC-22),
1,1,1-trifluoro-2,2-dichloroethane (HCFC-123),
1,1-dichloro-1-fluoroethane (HCFC-141b),
1-chloro-1,1-difluoroethane (HCFC-142b),
2-chloro-1,1,1,2-tetrafluoroethane (HCFC-124),
trifluoromethane (HFC-23),
1,1,2,2-tetrafluoroethane (HFC-134),
1,1,1,2-tetrafluoroethane (HFC-134a),
pentafluoroethane (HFC-125),
1,1,1-trifluoroethane (HFC-143a),

- 1,1-difluoroethane (HFC-152a),
trans-1,3,3,3-tetrafluoropropene (HFO-1234ze),
cyclic, branched, or linear completely methylated siloxanes,
the following classes of perfluorocarbons:
- (A) cyclic, branched, or linear, completely fluorinated alkanes;
 - (B) cyclic, branched, or linear, completely fluorinated ethers with no unsaturations;
 - (C) cyclic, branched, or linear, completely fluorinated tertiary amines with no unsaturations; and
 - (D) sulfur-containing perfluorocarbons with no unsaturations and with the sulfur bonds to carbon and fluorine, and
- (2) the following low-reactive organic compounds which have been exempted by the U.S. EPA:
acetone,
ethane,
methyl acetate
parachlorobenzotrifluoride (1-chloro-4-trifluoromethyl benzene).

Consumer Products Definitions

“Adhesive” means any product that is used to bond one surface to another by attachment. “Adhesive” does not include products used on humans and animals, adhesive tape, contact paper, wallpaper, shelf liners, or any other product with an adhesive incorporated onto or in an inert substrate. For “Contact Adhesive,” “Construction, Panel, and/or Floor Covering Adhesive,” and “General Purpose Adhesive” only, “aAdhesive” also does not include units of product, less packaging, which weigh more than one pound and consist of more than 16 fluid ounces. This limitation does not apply to aerosol adhesives.

“Adhesive” includes the following categories (A-D):

- (A) “Aerosol Adhesive” means any “Adhesive” packaged as an aerosol product in which the spray mechanism is permanently housed in a can designed for hand-held application without the need for ancillary hoses or spray equipment.

“Aerosol Adhesive” includes the following subcategories (1-3):

1. “Mist Spray Adhesive” means any “Aerosol Adhesive” which is not a “Special Purpose Spray Adhesive” and which delivers a particle or mist spray, resulting in the formation of fine, discrete particles that yield a generally uniform and smooth application of adhesive to the substrate.
2. “Special Purpose Spray Adhesive” means an “Aerosol Adhesive” that meets one of the following definitions:

- a. “Automobile Headliner Adhesive” means an “Aerosol Adhesive” designed and labeled exclusively to bond together layers in motor vehicle headliners.
- b. “Automotive Engine Compartment Adhesive” means an “Aerosol Adhesive” designed and labeled exclusively for use in motor vehicle under-the-hood applications which require oil and plasticizer resistance, as well as high shear strength, at temperatures of 200-275 degrees Fahrenheit.
- c. “Flexible Vinyl Adhesive” means an “Aerosol Adhesive” designed and labeled exclusively to bond flexible vinyl to substrates. Flexible vinyl means a nonrigid polyvinyl chloride plastic with at least five percent, by weight, of plasticizer content. A plasticizer is a material that is incorporated into a vinyl to increase its flexibility, workability, or distensibility, that may be determined using ASTM Method E260-91 (Jan. 25, 1991) Standard Practice for Packed Column Gas Chromatography, which is incorporated by reference herein, or from product formulation data.
- d. “Laminate Repair/Edgebanding Adhesive” means an “Aerosol Adhesive” designed and labeled exclusively for:
- i. the touch-up or repair of items laminated with high pressure laminates (for example, lifted edges, delaminations, etc.), or for
 - ii. the touch-up, repair, or attachment of edgebanding materials, including, but not limited to, other laminates, synthetic marble, veneers, wood molding, or decorative metals.
- For the purposes of this definition “high pressure laminate” means sheet materials which consist of paper, fabric, or other core material that have been laminated at temperatures exceeding 265 degrees F, and at pressures between 1,000 and 1,400 psi.
- e. “Mounting Adhesive” means an “Aerosol Adhesive” designed and labeled exclusively to permanently mount photographs, artwork, or any other drawn or printed media to a backing (paper, board, cloth, etc.) without causing discoloration to the artwork.
- f. “Polyolefin Adhesive” means an “Aerosol Adhesive” designed and labeled exclusively to bond polyolefins (for example, polyethylene, polypropylene, etc.) to substrates.
- g. “Polystyrene Foam Adhesive” means an “Aerosol Adhesive” designed and labeled exclusively to bond polystyrene foam (for example, Styrofoam®, expanded polystyrene foam, etc.) to

substrates.

h. "Screen Printing Adhesive" means an "Aerosol Adhesive" designed and labeled exclusively to hold garments or fabric in place during the screen printing process.

3. "Web Spray Adhesive" means any "Aerosol Adhesive" which is not a "Mist Spray Adhesive" or "Special Purpose Spray Adhesive."

(B) "Construction, Panel, or Floor Covering Adhesive" means any nonaerosol, one-component "Adhesive" that is designed or labeled for the installation, remodeling, maintenance, or repair of: (A) structural and building components that include, but are not limited to, beams, trusses, studs, paneling (drywall or drywall laminates, fiberglass reinforced plastic (FRP), plywood, particle board, insulation board, pre-decorated hardboard or tileboard, etc.), ceiling and acoustical tile, molding, fixtures, countertops or countertop laminates, cove or wall bases, and flooring or subflooring; or (B) floor or wall coverings that include, but are not limited to, wood or simulated wood covering, carpet, carpet pad or cushion, vinyl-backed carpet, flexible flooring material, nonresilient flooring material, mirror tiles and other types of tiles, and artificial grass. "Construction, Panel, and Floor Covering Adhesive" does not include "Floor Seam Sealer."

(C) "Contact Adhesive" means a nonaerosol "Adhesive" that: (A) is designed for application to both surfaces to be bonded together, and (B) is allowed to dry before the two surfaces are placed in contact with each other, and (C) forms an immediate bond that is impossible, or difficult, to reposition after both adhesive-coated surfaces are placed in contact with each other, and (D) does not need sustained pressure or clamping of surfaces after the adhesive-coated surfaces have been brought together using sufficient momentary pressure to establish full contact between both surfaces. "Contact Adhesive" does not include rubber cements that are primarily intended for use on paper substrates. "Contact Adhesive" also does not include vulcanizing fluids that are designed and labeled for tire repair only.

"Contact Adhesive" is divided into two subcategories:

1. "Contact Adhesive - General Purpose" means any contact adhesive that is not a "Contact Adhesive - Special Purpose."

2. "Contact Adhesive - Special Purpose" means a contact adhesive that: (A) is used to bond melamine-covered board, unprimed metal, unsupported vinyl, Teflon, ultra-high molecular weight polyethylene, rubber, high pressure laminate or wood veneer 1/16 inch or less in thickness to any porous or nonporous surface, and is sold in units of product, less packaging, that contain more than eight fluid ounces, or (B)

is used in automotive applications that are (1.) automotive under-the-hood applications requiring heat, oil or gasoline resistance, or (2.) body-side molding, automotive weatherstrip or decorative trim.

(D) "General Purpose Adhesive" means any nonaerosol "Adhesive" designed for use on a variety of substrates. "General Purpose Adhesive" does not include (A) "Contact Adhesive," (B) "Construction, Panel, or Floor Covering Adhesive," (C) adhesives designed exclusively for application on one specific category of substrates (that is, substrates that are composed of similar materials, such as different types of metals, paper products, ceramics, plastics, rubbers, or vinyls), or (D) adhesives designed exclusively for use on one specific category of articles (that is, articles that may be composed of different materials but perform a specific function, such as gaskets, automotive trim, weather-stripping, or carpets).

"Adhesive Remover" means a product designed to remove adhesive from either a specific substrate or a variety of substrates. "Adhesive Remover" does not include products that remove adhesives intended for use on humans or animals.

For the purpose of this definition and "Adhesive Remover" subcategories (A-D), the term "adhesive" shall mean a substance used to bond one or more materials. Adhesive includes, but is not limited to: caulks; sealants; glues; or similar substances used for the purpose of forming a bond.

- (A) "Floor or Wall Covering Adhesive Remover" means a product designed or labeled to remove floor or wall coverings and associated adhesive from the underlying substrate.
- (B) "Gasket or Thread Locking Adhesive Remover" means a product designed or labeled to remove gaskets or thread locking adhesives. Products labeled for dual use as a paint stripper and gasket remover and/or thread locking adhesive remover are considered "Gasket or Thread Locking Adhesive Remover."
- (C) "General Purpose Adhesive Remover" means a product designed or labeled to remove cyanoacrylate adhesives as well as nonreactive adhesives or residue from a variety of substrates. "General Purpose Adhesive Remover" includes, but is not limited to, products that remove thermoplastic adhesives; pressure sensitive adhesives; dextrine or starch-based adhesives; casein glues; rubber or latex-based adhesives; as well as products that remove stickers; decals; stencils; or similar materials. "General Purpose Adhesive Remover" does not include "Floor or Wall Covering Adhesive Remover."
- (D) "Specialty Adhesive Remover" means a product designed to remove reactive adhesives from a variety of substrates. Reactive adhesives include

adhesives that require a hardener or catalyst in order for the bond to occur. Examples of reactive adhesives include, but are not limited to: epoxies; urethanes; silicones. "Specialty Adhesive Remover" does not include "Gasket or Thread Locking Adhesive Remover."

"Aerosol Cooking Spray" means any aerosol product designed either to reduce sticking on cooking and baking surfaces or to be applied on food, or both.

"Aerosol Product" means a pressurized spray system that dispenses product ingredients by means of a propellant contained in a product or a product's container, or by means of a mechanically induced force. "Aerosol Product" does not include "Pump Spray."

"Agricultural Use" means the use of any pesticide or method or device for the control of pests in connection with the commercial production, storage or processing of any animal or plant crop. "Agricultural Use" does not include the sale or use of pesticides in properly labeled packages or containers which are intended for: (A) Home use, (B) Use in structural pest control, or (C) Industrial or Institutional use. For the purposes of this definition only:

"Home use" means use in a household or its immediate environment.

"Structural pest control" means a use requiring a license under Chapter 14 (commencing with Section 8500), Division 3, of the Business and Professions Code.

"Industrial use" means use for or in a manufacturing, mining, or chemical process or use in the operation of factories, processing plants, and similar sites.

"Institutional use" means use within the confines of, or on property necessary for the operation of buildings such as hospitals, schools, libraries, auditoriums, and office complexes.

"Air Freshener" means any product including, but not limited to, liquids, semisolids, solids, aerosol or pump sprays, wicks, wipes, diffusers, powders, and/or crystals, designed or labeled for the purpose of masking odors, or freshening, cleaning, scenting, or deodorizing the air. ~~"Air Freshener" includes dual purpose air freshener/disinfectant products.~~ "Air Freshener" does not include products that are used on the human body, products that function primarily as cleaning products as indicated on a product label, "Odor Remover/Eliminator," or "Toilet/Urinal Care Product."

"Air Freshener" includes the following subcategories (A-C):

(A) "Double Phase Aerosol Air Freshener" means an aerosol "Air Freshener," with the liquid contents in two or more distinct phases, that requires the product container be shaken before use to mix the phases, producing an

emulsion.

(B) “Dual Purpose Air Freshener/Disinfectant” means an aerosol “Air Freshener” that is designed or labeled for use as both a “Disinfectant” and an “Air Freshener,” or is so represented on any sticker, label, packaging, or literature attached to the product container.

(C) “Single Phase Aerosol Air Freshener” means an aerosol “Air Freshener” with the liquid contents in a single homogeneous phase which does not require that the product container be shaken before use.

“All Other Carbon-Containing Compounds” means all other compounds which contain at least one carbon atom and are not a “Table B” or a “LVP-VOC.”

“All Other Forms” means all consumer product forms for which no form-specific VOC standard is specified. Unless specified otherwise by the applicable VOC standard, “all other forms” include, but are not limited to, solids, liquids (which includes the liquid containing or liquid impregnated portion of the cloth or paper wipes (towelettes), wicks, powders, and crystals.

“Antimicrobial Hand or Body Cleaner or Soap” means a cleaner or soap which is designed to reduce the level of microorganisms on the skin through germicidal activity, and is regulated as an over-the-counter drug by the U.S. Food and Drug Administration. “Antimicrobial Hand or Body Cleaner or Soap” includes, but is not limited to, (A) antimicrobial hand or body washes/cleaners, (B) foodhandler hand washes, (C) healthcare personnel hand washes, (D) pre-operative skin preparations and (E) surgical scrubs. “Antimicrobial Hand or Body Cleaner or Soap” does not include prescription drug products, antiperspirants, “Astringent/Toner,” deodorant, “Facial Cleaner or Soap,” “General-use Hand or Body Cleaner or Soap,” “Hand Dishwashing Detergent” (including antimicrobial), “Heavy-duty Hand Cleaner or Soap,” “Medicated Astringent/Medicated Toner,” and “Rubbing Alcohol.”

“Anti-Static Product” means a product that is labeled to eliminate, prevent, or inhibit the accumulation of static electricity. “Anti-Static Product” does not include “Electronic Cleaner,” “Floor Polish or Wax,” “Floor Coating,” and products that meet the definition of “Aerosol Coating Product” or “Architectural Coating.”

“Architectural Coating” means a coating applied to stationary structures and their appurtenances, to mobile homes, to pavements, or to curbs.

“Aromatic Compound” means a carbon containing compound that contains one or more benzene or equivalent heterocyclic rings and has an initial boiling point less than or equal to 280^oC. “Aromatic Compound” does not include compounds excluded from the definition of Volatile Organic Compound (VOC) in this Section 94508(a).

“Article” means products manufactured solely from, or any combination of, paper, glass, wood, rubber, metal, fabrics, felts, or plastics. Examples include combs, toothbrushes, paperclips, hair dryers, and paint brushes. Article does not include liquid-impregnated products such as wipes, towels, cloths, sheets, or pods.

“Artist’s Solvent/Thinner” means any liquid product, labeled to meet ASTM D4236 – 95 (March 1, 2005) Standard Practice for Labeling Art Materials for Chronic Health Hazards, which is incorporated by reference herein, and is packaged in a container with a capacity equal to or less than 34 fluid ounces, and is labeled exclusively and explicitly to reduce the viscosity of, and or remove, art coating compositions or components.

“ASTM” means ASTM International.

“Astringent/Toner” means any product designed or labeled to be applied to the skin for the purpose of cleaning or tightening pores. This category also includes clarifiers and substrate-impregnated products. This category does not include any hand, face, or body cleaner or soap product, “Medicated Astringent/Medicated Toner,” cold cream, lotion, antiperspirant, or any Astringent/Toner product regulated as a drug by the United States Food and Drug Administration (FDA).

“Automotive Rubbing or Polishing Compound” means a products designed primarily to remove oxidation, old paint, scratches or “swirl marks,” and other defects from the painted surfaces of motor vehicles without leaving a protective barrier.

“Automotive Wax, Polish, Sealant or Glaze” means a product designed to seal out moisture, increase gloss, or otherwise enhance a motor vehicle’s painted surfaces. “Automotive Wax, Polish, Sealant or Glaze” includes, but is not limited to, products designed for use in autobody repair shops and “drive-through” car washes, as well as products designed for the general public. “Automotive Wax, Polish, Sealant or Glaze” does not include “Automotive Rubbing or Polishing Compound,” automotive wash and wax products, surfactant-containing car wash products, and products designed for use on unpainted surfaces such as bare metal, chrome, glass, or plastic. “Automotive Wax, Polish, Sealant or Glaze” products are subcategorized into “All Other Forms,” “Hard Paste Wax,” and “Instant Detailer.”

- (A) “All Other Forms” subcategory consists of all automotive wax, polish, sealant or glaze products that are not either a “Hard Paste Wax” or “Instant Detailer.”
- (B) “Hard Paste Wax” means a product which (A) is designed to protect and improve the appearance of automotive painted surfaces; (B) is a solid at room temperature; and (C) contains zero percent water by formulation.
- (C) “Instant Detailer” means a product designed for use in a pump spray that is applied to the painted surface of automobiles and wiped off prior to the product being allowed to dry.

“Automotive Windshield Washer Fluid” means any liquid dilutable or premixed product that is designed or labeled for use in a motor vehicle windshield washer fluid system either as an anti-freeze or for the purpose of cleaning, washing, bug removal, or wetting the windshield(s). “Automotive Windshield Washer Fluid” does not include any fluid which is placed in a new motor vehicle at the time the vehicle is manufactured.

For the purpose of complying with the requirements for “Automotive Windshield Washer Fluid,” the following definitions (A-D) apply:

- (A) “Dilutable” means any product sold either in a container with a capacity of 10 gallons or more, or a container with a capacity of one quart or less.
- (B) “Nontype “A” area” means all other areas of California that are not a “Type A area.”
- (C) “Premixed” means any product sold in a container with a capacity that is greater than one quart, but less than 10 gallons.
- (D) “Type “A” area” means:
 - (1) Before July 1, 2013, the following regions of California: Del Norte, Shasta, and Trinity Counties; the Great Basin Valley, Lake Tahoe, Mountain Counties and Northeast Plateau Air Basins, as defined in title 17, California Code of Regulations, sections 60105, 60108, 60111, and 60113.
 - (2) On and after July 1, 2013, the counties listed in Table 94508(a)(20)(A), and areas defined by ZIP codes listed in Table 94508(a)(20)(B) below:

Table 94508(a)(20)(A) Counties that are Type “A” Areas	
Air Basin	Counties
Great Basin Valleys	Alpine, Inyo, Mono
Lake Tahoe	El Dorado
Mountain Counties	Amador, Calaveras, El Dorado, Mariposa, Nevada, Plumas, Sierra, Tuolumne
Northeast Plateau	Lassen, Modoc, Siskiyou
North Coast	Del Norte, Trinity
Sacramento Valley	Shasta

Table 94508(a)(20)(B) Type “A” Areas Identified by ZIP Code					
County*	ZIP Code	County*	ZIP Code	County*	ZIP Code
Butte	95954	Placer	95703	San Bernardino	92315
Butte/Tehama	95942	Placer	95713	San Bernardino	92317
Fresno	00017	Placer	95714	San Bernardino	92321
Fresno	93621	Placer	95715	San Bernardino	92325
Fresno	93628	Placer	95717	San Bernardino	92339
Fresno	93664	Placer	95722	San Bernardino	92352
Fresno/Tulare	93633	Placer	95724	San Bernardino	92358
Glenn	00047	Placer	96140	San Bernardino	92382
Humboldt	00050	Placer	96141	San Bernardino	92385
Kern	00016	Placer	96142	San Bernardino	92397
Kern	93255	Placer	96143	San Diego	91962
Kern	93285	Placer	96145	Santa Barbara	00032
Kern/Ventura	93225	Placer	96146	Tehama	00037
Kern	93226	Placer	96148	Tehama	00038
Kern/Ventura/ Santa Barbara/ San Luis Obispo	93252	Placer	96161	Tehama	96063
Madera	00020	Placer	96162	Tulare	00026
Madera	93643	Riverside	92549	Tulare	93260
Madera	93644	Riverside	92561	Tulare	93262
Placer	95602 (portion)**	San Bernardino	91759	Tulare	93265
Placer	95603 (portion)**	San Bernardino	92256	Tulare	93271
Placer	95631 (portion)**	San Bernardino	92305		
Placer	95701	San Bernardino	92314		

* County name is provided as a point of reference only. Except as specified for ZIP codes 95602, 95603, and 95631, all portions of the identified ZIP codes are Type “A” areas.

** Only the portion of ZIP codes 95602, 95603, and 95631 that lie to the east of Range 9 east, Mount Diablo Baseline and Meridian.

“Bathroom and Tile Cleaner” means a product designed or labeled to clean tile or surfaces in bathrooms. “Bathroom and Tile Cleaner” does not include “Toilet/Urinal Care Product.”

“Brake Cleaner” means a cleaning product designed or labeled to remove oil, grease, brake fluid, brake pad material or dirt from motor vehicle brake mechanisms.

“Bug and Tar Remover” means a product labeled to remove either or both of the

following from painted motor vehicle surfaces without causing damage to the finish: (A) biological-type residues such as insect carcasses and tree sap and, (B) road grime, such as road tar, roadway paint markings, and asphalt.

“California Sales” means the sales (net pounds of product, less packaging and container, per year) in California for either the calendar year immediately prior to the year that the information required by the Executive Officer pursuant to section 94513 (required information) is due or, if that data is not available, any consecutive 12 month period commencing no earlier than 2 years prior to the due date of the required information. If direct sales data for California is not available, sales may be estimated by prorating national or regional sales data by population.

“Carburetor or Fuel-Injection Air Intake Cleaner” means a product designed or labeled to remove fuel deposits, dirt, or other contaminants from a carburetor, choke, throttle body of a fuel-injection system, or associated linkages. “Carburetor or Fuel-injection Air Intake Cleaner” does not include products designed or labeled exclusively to be introduced directly into the fuel lines or fuel storage tank prior to introduction into the carburetor or fuel injectors, or products designed or labeled exclusively to be introduced during engine operation directly into air intake vacuum lines by using a pressurized sprayer wand.

“Carpet/Upholstery Cleaner” means a cleaning product designed or labeled for the purpose of eliminating dirt or stains on rugs, carpeting, or objects upholstered or covered with fabrics such as wool, cotton, nylon or other synthetic fabrics. “Carpet/Upholstery Cleaner” includes, but is not limited to, products used on household furniture, the interior of motor vehicles, and products that make “Fabric Protectant” claims. “Carpet/Upholstery Cleaner” does not include “Spot Remover,” vinyl or leather cleaners, “Dry Cleaning Fluid,” or products designed exclusively for use at industrial facilities engaged in furniture or carpet manufacturing.

“Charcoal Lighter Material” means any combustible material designed to be applied on, incorporated in, added to, or used with charcoal to enhance ignition. “Charcoal Lighter Material” does not include any of the following: (A) electrical starters and probes, (B) metallic cylinders using paper tinder, (C) natural gas, (D) propane, and (E) fat wood.

“Colorant” means any pigment or coloring material used in a consumer product for an aesthetic effect, or to dramatize an ingredient.

“Commercial Product” for the purposes of this survey, means the same as “Institutional Product. See the “Institutional Product” definition.

“Concentrate” means a product sold in a condensed form that has usage instructions on the label that direct the end user to dilute the product with a diluent, such as water or another solvent.

“Consumer” means any person who seeks, purchases, or acquires any consumer

product for personal, family, household, or institutional use. Persons acquiring a consumer product for resale are not “consumers” for that product.

“Consumer Product” means a chemically formulated product used by household and institutional consumers including, but not limited to, detergents; cleaning compounds; polishes; floor finishes; cosmetics; personal care products; home, lawn, and garden products; disinfectants; sanitizers; aerosol paints; and automotive specialty products; but does not include other paint products, furniture coatings, or architectural coatings. As used in this article, the term “consumer product” shall also refer to aerosol adhesives, including aerosol adhesives used for consumer, industrial, and commercial uses.

“Container/Packaging” means the part or parts of the consumer or institutional product which serve only to contain, enclose, incorporate, deliver, dispense, wrap or store the chemically formulated substance or mixture of substances which is solely responsible for accomplishing the purposes for which the product was designed or intended.

“Container/Packaging” includes any article onto or into which the principal display panel and other accompanying literature or graphics are incorporated, etched, printed or attached.

“Contract Employee” means a person hired by a company to sell that company’s goods or products for an agreed upon commission fee.

“Contract Packager” means a company/person that manufactures or packages products for another company.

“Deodorant Body Spray” means:

~~(B) for products manufactured on or after January 1, 2006:~~ a “Personal Fragrance Product” with 20 percent or less fragrance, that is designed for application all over the human body to provide a scent. A “Deodorant Body Spray” product that indicates or depicts on the container or packaging, or on any sticker or label affixed thereto, that it can be used on or applied to the human axilla, is a “Deodorant” as defined in section 94501(d).

“Device” means any instrument or contrivance (other than a firearm) which is designed for trapping, destroying, repelling, or mitigating any pest or any other form of plant or animal life (other than man and other than bacteria, virus, or other microorganism on or in living man or other living animals); but not including equipment used for the application of pesticides when sold separately therefrom.

“Diluent” means a substance, such as water or another solvent, that is used to dilute a concentrate prior to use as indicated on the label.

"Disinfectant" means a product that is labeled as a "disinfectant", or is labeled to destroy or irreversibly inactivate infectious or other undesirable bacteria, pathogenic fungi, or viruses on surfaces or inanimate objects and whose label is registered as a

"disinfectant" under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA, 7 U.S.C. 136, et seq.). Products that are labeled as both a "sanitizer" and a "disinfectant" are considered disinfectants. "Disinfectant" does not include any of the following: (A) products labeled solely for use on humans or animals, (B) products labeled solely for agricultural use, (C) products labeled solely for use in swimming pools, therapeutic tubs, or hot tubs, (D) products which are labeled to be used on heat sensitive critical or semi-critical medical devices or medical equipment surfaces, (E) products which are pre-moistened wipes or towelettes sold exclusively to medical, convalescent, or veterinary establishments, (F) products which are labeled to be applied to food-contact surfaces and are not required to be rinsed prior to contact with food, or (G) products which are labeled as "Bathroom and Tile Cleaner," "Glass Cleaner," "General Purpose Cleaner," "Toilet/Urinal Care Product," "Metal Polish or Cleanser," "Carpet Cleaner," or "Fabric Refresher" that may also make disinfecting or antimicrobial claims on the label.

"Distributor" means any person to whom a consumer product is sold or supplied for the purposes of resale or distribution in commerce, except that manufacturers, retailers, and consumers are not distributors.

"Dry Cleaning Fluid" means any nonaqueous solvent that is (A) used in dry-cleaning machines at commercial dry cleaners or used by commercial businesses that clean fabrics such as draperies at the customer's residence or work place; and (B) is designed and labeled exclusively to clean: (1) fabrics which are labeled "for dry clean only," such as clothing or drapery; or (2) "S-coded" fabrics. "Dry Cleaning Fluid" does not include "Spot Remover" or "Carpet/Upholstery Cleaner." For the purposes of this definition, S-coded fabric means an upholstery fabric designed to be cleaned only with water-free spot cleaning products as specified by the Joint Industry Fabric Standards Committee."

"Dusting Aid" means a product designed or labeled to assist in removing dust and other soils from floors and other surfaces without leaving a wax or silicone based coating. "Dusting Aid" does not include "Pressurized Gas Duster."

"Electrical Cleaner" means a product labeled to remove heavy soils such as grease, grime, or oil from electrical equipment, including, but not limited to, electric motors, armatures, relays, electric panels, or generators. Electrical Cleaner does not include "General Purpose Cleaner," "General Purpose Degreaser," "Dusting Aid," "Electronic Cleaner," "Energized Electrical Cleaner," "Pressurized Gas Duster," "Engine Degreaser," "Anti-Static Product," or products designed to clean the casings or housings of electrical equipment.

"Electronic Cleaner" means a product labeled for the removal of dirt, moisture, dust, flux, or oxides from the internal components of electronic or precision equipment such as circuit boards, and the internal components of electronic devices, including but not limited to, radios, compact disc (CD) players, digital video disc (DVD) players, and computers. "Electronic Cleaner" does not include "General Purpose Cleaner," "General

Purpose Degreaser,” “Dusting Aid,” “Pressurized Gas Duster,” “Engine Degreaser,” “Electrical Cleaner,” “Energized Electrical Cleaner,” “Anti-Static Product,” or products labeled to clean the casings or housings of electronic equipment. “Electronic Cleaner” does not include any product that meets both of the following criteria:

- 1) the product is labeled to clean and/or degrease electronic equipment, where cleaning and/or degreasing is accomplished when electrical current exists, or when there is a residual electrical potential from a component;
- 2) the product label clearly displays the statements: “Energized Electronic Equipment use only.”

“Energized Electrical Cleaner” means a product that meets both of the following criteria:

- 1) the product is labeled to clean and/or degrease electrical equipment, where cleaning and/or degreasing is accomplished when electrical current exists, or when there is a residual electrical potential from a component such as a capacitor;
- 2) the product label clearly displays the statements: “Energized Equipment use only. Not to be used for motorized vehicle maintenance, or their parts.”

“Energized Electrical Cleaner” does not include “Electronic Cleaner.”

“Engine Degreaser” means a cleaning product designed or labeled to remove grease, grime, oil and other contaminants from the external surfaces of engines and other mechanical parts.

“Executive Officer” means the Executive Officer of the Air Resources Board, or his or her delegate.

“Existing Product” means any formulation of the same product category and form sold, supplied, manufactured, or offered for sale in California prior to the following dates, or any subsequently introduced identical formulation:

- (A) October 21, 1991, for all products listed in section 94509(a) that have initial effective dates of January 1, 1993, or January 1, 1994;
- (B) January 6, 1993, for all products listed in section 94509(a) that have initial effective dates of January 1, 1995, or January 1, 1997, and charcoal lighter materials subject to section 94509(h);
- (C) August 16, 1998, for all products listed in section 94509(a) that have initial effective dates of January 1, 2001, January 1, 2002, January 1, 2003, or January 1, 2005;

- (D) November 19, 2000, for all products in the following product categories listed in section 94509(a): “Nonaerosol General Purpose Degreaser,” “Sealant and Caulking Compound,” and “Tire Sealant and Inflator.”
- (E) July 20, 2005, for all products listed in section 94509(a) that have an effective date of December 31, 2006, December 31, 2008, or December 31, 2009; and
- (F) December 8, 2007, for all products listed in section 94509(a) that have an initial effective date of December 31, 2008, or December 31, 2010 for Brake Cleaner, Carburetor or Fuel-Injection Air Intake Cleaner, Aerosol Engine Degreaser, Resilient Flooring Material, Nonresilient Flooring Material, Aerosol General Purpose Degreaser, and Aerosol Temporary Hair Color.
- (G) July 18, 2009, for all products listed in section 94509(a) that have an initial effective date of December 31, 2010, or December 31, 2012, December 31, 2013, or December 31, 2014.
- (H) October 20, 2010, for “Multi-purpose Solvent” and “Paint Thinner.”
- (I) December 10, 2011, for “Anti-Seize Lubricant;” “Cutting or Tapping Oil;” “Gear, Chain, or Wire Lubricant;” and “Rust Preventative or Rust Control Lubricant.”

“Fabric Protectant” means:

- ~~(B) for products manufactured on or after December 31, 2008:~~ a product designed or labeled to be applied to fabric substrates to protect the surface from soiling from dirt or other impurities or to reduce absorption of liquid into the fabric’s fibers. “Fabric Protectant” does not include “Waterproofers,” or products labeled for use solely on leather; ~~“Fabric Protectant” does not include pigmented products that are designed or labeled to be used primarily for coloring; products used for construction, reconstruction, modification, structural maintenance or repair of fabric substrates; or products that renew or restore fabric, and qualifying as either~~ “Fabric Protectant” also does not include “Clear Coating” or “Vinyl/Fabric/Leather/~~Plastic/Polycarbonate~~ Coating” ~~under as defined in~~ section 94521(a).

“Fabric Refresher” means a product labeled to neutralize or eliminate odors on nonlaundered fabric including, but not limited to, soft household surfaces, rugs, carpeting, draperies, bedding, automotive interiors, footwear, athletic equipment, clothing and/or on household furniture or objects upholstered or covered with fabrics such as, but not limited to, wool, cotton, or nylon. “Fabric Refresher” does not include “Anti-static Product,” “Carpet/Upholstery Cleaner,” “Footwear or Leather Care Product,” “Spot Remover,” or “Disinfectant,” or products labeled for application to both fabric and human skin.

“Fabric Softener-Single Use Dryer Product” means a laundry care product designed or labeled for single use in the clothes dryer to impart softness to, or control static cling of, a load of washable fabrics; and may impart a fragrance or scent. For the purpose of this definition only, “single use” means a product that is intended for one time use during a single drying cycle and is removed after completion of the drying cycle. A “load” is the amount of washable fabrics in a single drying cycle. “Fabric Softener-Single Use Dryer Product” includes treated nonwoven sheets which are typically packaged in boxes with a multiple number of sheets. “Fabric Softener-Single Use Dryer Product” does not include products applied to washable fabrics prior to placing the washable fabrics in the clothes dryer.

“Facial Cleaner or Soap” means a cleaner or soap designed primarily to clean the face. “Facial Cleaner or Soap” includes, but is not limited to, facial cleansing creams, semisolids, liquids, lotions, and substrate-impregnated forms. “Facial Cleaner or Soap” does not include prescription drug products, “Antimicrobial Hand or Body Cleaner or Soap,” “Astringent/Toner,” “General-use Hand or Body Cleaner or Soap,” “Medicated Astringent/Medicated Toner,” or “Rubbing Alcohol.”

“Fat Wood” means pieces of wood kindling with high naturally-occurring levels of sap or resin which enhance ignition of the kindling. “Fat wood” does not include any kindling with substances added to enhance flammability, such as wax-covered or wax-impregnated wood-based products.

“Floor Coating” means an opaque coating that is labeled and designed for application to flooring, including but not limited to, decks, porches, steps, and other horizontal surfaces which may be subject to foot traffic.

“Floor Maintenance Product” means any product designed or labeled to restore, maintain, or enhance a previously applied floor finish. “Floor Maintenance Product” includes, but is not limited to, products that are labeled as Spray Buff products or Floor Maintainers or Restorers. “Floor Maintenance Product” does not include floor polish products, products designed solely for the purpose of cleaning, products designed or labeled exclusively for use on marble floors, or coatings subject to architectural coatings regulations.

“Floor Polish or Wax” means a product designed or labeled to polish, wax, condition, protect, temporarily seal, or otherwise enhance floor surfaces by leaving a protective finish that is designed or labeled to be periodically replenished. “Floor Polish or Wax” does not include “Floor Maintenance Products,” “Floor Wax Stripper,” or coatings subject to architectural coatings regulations.

“Floor Polish or Wax” is divided into three subcategories: products for resilient flooring materials, products for nonresilient flooring materials and wood floor wax. For the purposes of this article:

- (A) “Resilient Flooring Material” means flexible flooring material including but is not limited to, asphalt, cork, linoleum, no-wax, rubber, seamless vinyl, and

vinyl composite flooring.

- (B) “Nonresilient Flooring Material” means flooring of a mineral content which is not flexible. “Nonresilient Flooring material” includes but is not limited to terrazzo, marble, slate, granite, brick, stone, ceramic tile, and concrete.
- (C) “Wood Floor Wax” means any wax-based products designed or labeled for use solely on wood floors. “Wood Floor Wax” does not include products that make the claim to “clean and wax” or “clean and polish.”

“Floor Seam Sealer” means any product designed and labeled exclusively for bonding, fusing, or sealing (coating) seams between adjoining rolls of installed flexible sheet flooring.

“Floor Wax Stripper” means a product designed to remove natural or synthetic floor polishes or waxes through breakdown of the polish or wax polymers, or by dissolving or emulsifying the polish or wax. “Floor Wax Stripper” does not include aerosol floor wax strippers or products designed to remove floor wax solely through abrasion.

“Foam/mousse” means a substance that is comprised of two phases: a dispersed gas or vapor phase, and a continuous liquid phase, therein creating a mass of gaseous cells that is separated by thin films of liquid and formed by the juxtaposition of bubbles.

“Footwear or Leather Care Product” means any product designed or labeled to be applied to footwear or to other leather articles/components, to maintain, enhance, clean, protect, or modify the appearance, durability, fit, or flexibility of the footwear or leather article/component. Footwear includes both leather and nonleather foot apparel. “Footwear or Leather Care Product” does not include “Fabric Protectant,” “General Purpose Adhesive,” “Contact Adhesive,” “Vinyl/Fabric/Leather/Plastic/Polycarbonate Coating,” as defined in section 94521(a), “Rubber/Vinyl Protectant,” “Fabric Refresher,” products solely for deodorizing, or sealant products with adhesive properties used to create external protective layers greater than 2 millimeters thick.

“Formulator” means a company/person, other than the responsible party, that holds the ingredient information for a product.

“Fragrance” means a substance or complex mixture of aroma chemicals, natural essential oils, and other functional components with a combined vapor pressure not in excess of 2 mm of Hg at 20⁰C, the sole purpose of which is to impart an odor or scent, or to counteract a malodor.

“Furniture Maintenance Product” means a wax, polish, conditioner, or any other product labeled for the purpose of polishing, protecting or enhancing finished wood surfaces other than floors, and other furniture surfaces including but not limited to acrylics, ceramic, plastics, stone surfaces, metal surfaces, and fiberglass. “Furniture Maintenance Product” does not include “Dusting Aid,” “Wood Cleaner,” and products

designed solely for the purpose of cleaning, or products designed to leave a permanent finish such as stains, sanding sealers and lacquers.

“Furniture Coating” means any paint designed for application to room furnishings including, but not limited to, cabinets (kitchen, bath and vanity), tables, chairs, beds, and sofas.

“Gel” means a colloid in which the disperse phase has combined with the continuous phase to produce a semisolid material, such as jelly.

“General Purpose Cleaner” means:

- (A) for products manufactured before January 1, 2015: a product labeled to clean a variety of hard surfaces. “General Purpose Cleaner” includes, but is not limited to, products designed or labeled for general floor cleaning, kitchen, countertop, or sink cleaning, and cleaners designed or labeled to be used on a variety of hard surfaces such as stovetops, cooktops, or microwaves.
- (B) for products manufactured on or after January 1, 2015: a product that is designed or labeled to clean hard surfaces in homes, garages, patios, commercial, or institutional environments. “General Purpose Cleaner” includes products that clean kitchens, sinks, appliances, counters, walls, cabinets or floors and products that claim to clean a variety of similar surfaces such as plastics, stone or metal. “General Purpose Cleaner” does not include “Single Purpose Cleaner” or “Furniture Maintenance Product.”

“General Purpose Degreaser” means:

- (A) for products manufactured before December 31, 2012: any product labeled to remove or dissolve grease, grime, oil and other oil-based contaminants from a variety of substrates, including automotive or miscellaneous metallic parts. “General Purpose Degreaser” does not include “Engine Degreaser,” “General Purpose Cleaner,” “Adhesive Remover,” “Electronic Cleaner,” “Electrical Cleaner,” “Energized Electrical Cleaner,” and “Metal Polish or Cleanser.” “General Purpose Degreaser” also does not include products used exclusively in “solvent cleaning tanks or related equipment,” or products that are (A) sold exclusively to establishments which manufacture or construct goods or commodities; and (B) labeled “not for retail sale.” “Solvent cleaning tanks or related equipment” includes, but is not limited to, cold cleaners, vapor degreasers, conveyORIZED degreasers, film cleaning machines, or products designed to clean miscellaneous metallic parts by immersion in a container.
- (B) for products manufactured on or after December 31, 2012, but before January 1, 2015: any product labeled to remove or dissolve grease, grime, oil and other oil-based contaminants from a variety of substrates, including

automotive or miscellaneous metallic parts. "General Purpose Degreaser" does not include "Adhesive Remover," "Electrical Cleaner," "Electronic Cleaner," "Energized Electrical Cleaner," "Engine Degreaser," "General Purpose Cleaner," "Metal Polish or Cleanser," or "Oven or Grill Cleaner." "General Purpose Degreaser" also does not include products used exclusively in "solvent cleaning tanks or related equipment," or products that are (A) exclusively sold directly or through distributors to establishments which manufacture or construct goods or commodities; and (B) labeled exclusively for "use in the manufacturing process only." "Solvent cleaning tanks or related equipment" includes, but is not limited to, cold cleaners, vapor degreasers, conveyORIZED degreasers, film cleaning machines, or products designed to clean miscellaneous metallic parts by immersion in a container.

- (C) for products manufactured on or after January 1, 2015: any product that is designed or labeled to remove or dissolve grease, grime, oil or other oil-based contaminants from a variety of substrates, including automotive or miscellaneous metallic parts. "General Purpose Degreaser" does not include "Adhesive Remover," "Electrical Cleaner," "Electronic Cleaner," "Energized Electrical Cleaner," "Engine Degreaser," "General Purpose Cleaner," "Metal Polish or Cleanser," "Oven or Grill Cleaner," or "Single Purpose Degreaser." "General Purpose Degreaser" also does not include products used exclusively in "solvent cleaning tanks or related equipment," or products that are (A) exclusively sold directly or through distributors to establishments which manufacture or construct goods or commodities; and (B) labeled exclusively for "use in the manufacturing process only." "Solvent cleaning tanks or related equipment" includes, but is not limited to, cold cleaners, vapor degreasers, conveyORIZED degreasers, film cleaning machines, or products designed to clean miscellaneous metallic parts by immersion in a container.

"General-use Hand or Body Cleaner or Soap" means a cleaner or soap designed to be used routinely on the skin to clean or remove typical or common dirt and soils.

"General-use Hand or Body Cleaner or Soap" includes, but is not limited to, hand or body washes, dual-purpose shampoo-body cleaners, shower or bath gels, and moisturizing cleaners or soaps. "General-use Hand or Body Cleaner or Soap" does not include prescription drug products, "Antimicrobial Hand or Body Cleaner or Soap," "Astringent/Toner," "Facial Cleaner or Soap," "Hand Dishwashing Detergent" (including antimicrobial), "Heavy-duty Hand Cleaner or Soap," "Medicated Astringent/Medicated Toner," or "Rubbing Alcohol."

"Glass Cleaner" means a cleaning product designed or labeled primarily for cleaning surfaces made of glass. "Glass Cleaner" does not include products designed or labeled solely for the purpose of cleaning optical materials used in eyeglasses, photographic equipment, scientific equipment and photocopying machines.

"Global Warming Potential (GWP)" means the radiative forcing impact of one mass-

based unit of a given greenhouse gas relative to an equivalent unit of carbon dioxide over a given period of time.

“Global Warming Potential Value” or “GWP Value” means the global warming potential value of a chemical or compound as specified in the IPCC: 1995 Second Assessment Report (SAR), Table 2.14, in Climate Change 2007: The Physical Sciences Basis. Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change, which is incorporated by reference herein.

If Table 2.14 does not contain a SAR 100-year GWP Value for a specific chemical or compound, then the 100-year GWP Value in Table 2.14 for that chemical or compound shall be used. If there is no 100-year GWP Value for a chemical or compound listed in Table 2.14 or GWP Value listed in Table 2.15, then the GWP Value is assumed to be equal to the GWP limit of the applicable product category.

“Graffiti Remover” means a product labeled to remove spray paint, ink, marker, crayon, lipstick, nail polish, or shoe polish, from a variety of noncloth or nonfabric substrates. “Graffiti Remover” does not include “Paint Remover or Stripper,” “Nail Polish Remover,” or “Spot Remover.” Products labeled for dual use as both a paint stripper and graffiti remover are considered “Graffiti Removers.”

“Gross Annual Receipts” means the overall total income of a company before expenses are deducted.

“Gum or Candle Wax Remover” means a product designed or labeled exclusively to remove chewing gum and/or candle wax from soft surfaces such as carpet, rugs, upholstery, or fabric.

“Hair Finishing Spray” means a consumer product that is designed or labeled for application to styled hair to provide sufficient rigidity, to hold, retain or finish the style of the hair for a period of time. “Hair Finishing Spray” includes aerosol hair sprays, pump hair sprays, spray waxes; color, glitter, or sparkle hair sprays that make finishing claims; and products that are both a styling and finishing product. “Hair Finishing Spray” does not include spray products that are intended to aid in styling but do not provide finishing of a hair style.

For the purposes of this subchapter, “finish” or “finishing” means the maintaining and/or holding of previously styled hair for a period of time.

For the purposes of this subchapter, “styling” means the forming, sculpting, or manipulating the hair to temporarily alter the hair's shape.

“Hair Mousse” means a hairstyling foam designed to facilitate styling of a coiffure and provide limited holding power.

“Hair Shine” means any product designed for the primary purpose of creating a shine when applied to the hair. “Hair Shine” includes, but is not limited to, dual-use products designed primarily to impart a sheen to the hair. “Hair Shine” does not include “Hair Finishing Spray,” “Hair Mousse,” “Hair Styling Product,” ~~“Hair Styling Gel,”~~ or products whose primary purpose is to condition or hold the hair.

“Hair Styling Product” means a consumer product ~~manufactured on or after December 31, 2006,~~ that is designed or labeled for the application to wet, damp or dry hair to aid in defining, shaping, lifting, styling and/or sculpting of the hair. “Hair Styling Product” includes, but is not limited to hair balm, clay, cream, creme, curl straightener, gel, liquid, lotion, paste, pomade, putty, root lifter, serum, spray gel, stick, temporary hair straightener, wax, spray products that aid in styling but do not provide finishing of a hair_style, and leave-in volumizers, detanglers and/or conditioners that make styling claims. “Hair Styling Product” does not include “No Rinse Shampoo,” “Thermal Protectant,” “Hair Mousse,” “Hair Shine,” “Hair Finishing Spray,” or shampoos and/or conditioners that are rinsed from the hair prior to styling.

For the purposes of this subchapter, “finish” or “finishing” means the maintaining and/or holding of previously styled hair for a period of time.

For the purposes of this subchapter, “styling” means the forming, sculpting, or manipulating the hair to temporarily alter the hair's shape.

“Heavy-Duty Hand Cleaner or Soap” means a product designed to clean or remove difficult dirt and soils such as oil, grease, grime, tar, shellac, putty, printer’s ink, paint, graphite, cement, carbon, asphalt, or adhesives from the hand with or without the use of water. “Heavy-duty Hand Cleaner or Soap” does not include prescription drug products, “Antimicrobial Hand or Body Cleaner or Soap,” “Astringent/Toner,” “Facial Cleaner or Soap,” “General-use Hand or Body Cleaner or Soap,” “Medicated Astringent/Medicated Toner” or “Rubbing Alcohol.”

“Herbicide” means a pesticide product designed to kill or retard a plant’s growth, but excludes products that are: (A) for agricultural use, or (B) restricted materials that require a permit for use and possession.

“High-Temperature Coating” means a high performance coating labeled and formulated for application to substrates exposed continuously or intermittently to temperatures above 204^oC (400^oF).

“Household Product” means any consumer product that is primarily designed to be used inside or outside of living quarters or residences that are occupied or intended for occupation by individuals, including the immediate surroundings.

“Hydrocarbon Solvent” means a single compound, such as hexane, or a complex mixture of compounds such as alkanes, branched alkanes, cycloalkanes, and aromatics that contain only the elements hydrogen and carbon (e.g. mineral spirits, naphtha,

petroleum distillates, xylenes, stoddard solvent, aromatic 100/150). Organic compounds containing other elements, such as oxygen (e.g. alcohols and glycol ethers) are not hydrocarbon solvents.

“Independently Owned” means controlled by one self. Not dependent on another for financial support.

“Industrial Product” means a consumer product that is incorporated into or used exclusively in the manufacture or construction of the goods or commodities at the site of the establishment.

“Industrial Maintenance Coating” means a high performance architectural coating, including primers, sealers, undercoaters, intermediate coats, and topcoats formulated for application to substrates, including floors, exposed to one or more of the following extreme environmental conditions listed below and labeled “For industrial use only;” “For professional use only;” “Not for residential use;” or “Not intended for residential use.”

- (A) Immersion in water, wastewater, or chemical solutions (aqueous and nonaqueous solutions), or chronic exposure of interior surfaces to moisture condensation; or
- (B) Acute or chronic exposure to corrosive, caustic or acidic agents, or to chemicals, chemical fumes, or chemical mixtures or solutions; or
- (C) Frequent exposure to temperatures above 121^oC (250^oF); or
- (D) Frequent heavy abrasion, including mechanical wear and frequent scrubbing with industrial solvents, cleansers, or scouring agents; or
- (E) Exterior exposure of metal structures and structural components.

“Insect Repellent” means a pesticide product that is designed to be applied on human skin, hair or attire worn on humans in order to prevent contact with or repel biting insects or arthropods.

“Insecticide” means a pesticide product that is designed for use against insects or other arthropods, but excluding products that are: (A) for agricultural use, or (B) for a use which requires a structural pest control license under Chapter 14 (commencing with Section 8500) of the Business and Professions Code, or (C) restricted materials that require a permit for use and possession.

“Insecticide” includes the following subcategories (A-F):

(A) “Crawling Bug Insecticide” means any insecticide product that is designed for use against ants, cockroaches, or other household crawling arthropods, such

as mites, silverfish or spiders. “Crawling Bug Insecticide” does not include products designed to be used exclusively on humans or animals, or any house dust mite product. For the purposes of this definition only:

“House dust mite product” means a product whose label, packaging, or accompanying literature states that the product is suitable for use against house dust mites, but does not indicate that the product is suitable for use against ants, cockroaches, or other household crawling arthropods.

“House dust mite” means mites which feed primarily on skin cells shed in the home by humans and pets and which belong to the phylum Arthropoda, the subphylum Chelicerata, the class Arachnida, the subclass Acari, the order Astigmata, or the family Pyroglyphidae.

- (B) “Flea or Tick Insecticide” means any insecticide product that is designed for use against fleas, ticks, their larvae, or their eggs. “Flea or Tick Insecticide” does not include products that are designed to be used exclusively on humans or animals or their bedding.
- (C) “Flying Bug Insecticide” means any insecticide product that is designed for use against flying insects or other flying arthropods such as flies, mosquitoes, moths, or gnats. “Flying Bug Insecticide” does not include “Wasp or Hornet Insecticide,” products that are designed to be used exclusively on humans or animals, or any moth-proofing product. For the purposes of this definition only, “moth-proofing product” means a product whose label, packaging, or accompanying literature indicates that the product is designed to protect fabrics from damage by moths, but does not indicate that the product is suitable for use against flying insects or other flying arthropods.
- (D) “Insecticide Fogger” means any insecticide product designed to release all or most of its content, as a fog or mist, into indoor areas during a single application.
- (E) “Lawn or Garden Insecticide” means an insecticide product labeled primarily to be used in household lawn or garden areas to protect plants from insects or other arthropods. Notwithstanding the requirements of section 94512(a) aerosol “Lawn or Garden Insecticide” may claim to kill insects or other arthropods.
- (F) “Wasp or Hornet Insecticide” means any insecticide product that is designed for use against wasps, hornets, yellow jackets or bees by allowing the user to spray from a distance a directed stream or burst at the intended insects, or their hiding place.

“Institutional Product” or “Industrial and Institutional (I&I) Product” means a consumer product that is designed for use in the maintenance or operation of an establishment

that: (A) manufactures, transports, or sells goods or commodities, or provides services for profit; or (B) is engaged in the nonprofit promotion of a particular public, educational, or charitable cause. "Establishments" include, but are not limited to, government agencies, factories, schools, hospitals, sanitariums, prisons, restaurants, hotels, stores, automobile service and parts centers, health clubs, theaters, or transportation companies. "Institutional Product" does not include household products and products that are incorporated into or used exclusively in the manufacture or construction of the goods or commodities at the site of the establishment.

"Label" means any written, printed, or graphic matter affixed to, applied to, attached to, blown into, formed, molded into, embossed on, or appearing upon any consumer product or consumer product package, for purposes of branding, identifying, or giving information with respect to the product or to the contents of the package.

"Laboratory Reagents" means chemicals used for purposes of commercial, industrial, or academic research and development within an established area dedicated to scientific experimentation.

"Laundry Prewash" means a product that is designed for application to a fabric prior to laundering in a wet-cleaning process, and that supplements and contributes to the effectiveness of laundry detergents and/or provides specialized performance.

"Laundry Starch/Sizing/Fabric Finish Product" means a product that is labeled for application to a fabric, either during or after laundering, to impart and prolong a crisp, fresh look and may also act to help ease ironing of the fabric. "Laundry Starch/Sizing/Fabric Finish Product" includes, but is not limited to, starch, sizing, and fabric finish.

"Liquid" means a substance or mixture of substances which is capable of a visually detectable flow as determined under ASTM D-4359-90 (May 25, 1990) Standard Test Method for Determining Whether a Material Is a Liquid or a Solid, which is incorporated by reference herein. "Liquid" does not include powders or other materials that are composed entirely of solid particles.

"Lubricant" means:

- (A) for products manufactured before December 31, 2012: a product that reduces friction, heat, noise, or wear between moving parts, or loosens rusted or immovable parts or mechanisms. "Lubricant" does not include automotive power steering fluids; products designed and labeled exclusively to release manufactured products from molds; products for use inside power generating motors, engines, and turbines, and their associated power-transfer gearboxes; two cycle oils or other products designed to be added to fuels; products for use on the human body or animals; or products that are (1) sold exclusively to establishments which manufacture or construct goods or commodities, and (2) labeled "not for retail sale."

- (B) for products manufactured on or after December 31, 2012: a product that reduces friction, heat, noise, or wear between moving parts, or loosens rusted or immovable parts or mechanisms. “Lubricant” does not include automotive power steering fluids; products designed and labeled exclusively to release manufactured products from molds; products for use inside power generating motors, engines, and turbines, and their associated power-transfer gearboxes; two cycle oils or other products designed to be added to fuels; products for use on the human body or animals; or products that are (1) exclusively sold directly or through distributors to establishments which manufacture or construct goods or commodities, and (2) labeled exclusively for “use in the manufacturing process only.” “Lubricant” includes products labeled for use in food-servicing environments that include, but are not limited to, restaurants and food stores.
- (C) “Lubricant” includes the following subcategories (1-9):
- (1) “Anti-seize Lubricant” means any “Lubricant” designed or labeled exclusively for use in high temperature or high pressure conditions to prevent moving metal parts from seizing or galling, and/or to facilitate disassembly of metal parts. A lubricant that meets the definition for “Dry Lubricant” or “Firearm Lubricant” is not an “Anti-seize Lubricant.”
 - (2) “Cutting or Tapping Oil” means any “Lubricant” designed or labeled exclusively for drilling, cutting, or tapping metals.
 - (3) “Dry Lubricant” means any “Lubricant” which provides lubricity solely by depositing a thin film of solid material including, but not limited to, graphite, molybdenum disulfide (“moly”), polytetrafluoroethylene or closely related fluoropolymer (“teflon”), or boron nitride on surfaces. Products that meet the definition for “Dry Lubricant” are not subject to the requirements for “Anti-seize Lubricant,” “Cutting or Tapping Oil,” “Gear, Chain, or Wire Lubricant,” “Multi-purpose Lubricant,” “Penetrant,” “Rust Preventative or Rust Control Lubricant,” or “Silicone-based Multi-purpose Lubricant.”
 - (4) “Firearm Lubricant” means any “Lubricant” designed or labeled exclusively for use on firearms or their parts to lubricate and/or to provide corrosion or rust prevention.
 - (5) “Gear, Chain, or Wire Lubricant” means any “Lubricant” designed or labeled exclusively for use on gears, chains, or wire ropes. “Gear, Chain or Wire Lubricant” does not include lubricant products labeled solely for use on chains of chain-driven vehicles.
 - (6) “Multi-purpose Lubricant” means any “Lubricant” designed or labeled for general purpose lubrication, or a lubricant labeled for use in a wide variety of applications. Products that meet the definition for “Anti-seize

Lubricant,” “Cutting or Tapping Oil,” “Dry Lubricant,” “Firearm Lubricant,” “Gear, Chain, or Wire Lubricant,” “Penetrant,” “Rust Preventative or Rust Control Lubricant,” or “Silicone-based Multi-purpose Lubricant,” or other lubricant products labeled solely for a single purpose are not “Multi-purpose Lubricants.”

- (7) “Penetrant” means a “Lubricant” designed or labeled primarily to loosen metal parts that have bonded together due to rusting, oxidation, or other causes. Lubricants that claim to have penetrating qualities, but are not labeled primarily to loosen bonded parts are not “Penetrant” products.
- (8) “Rust Preventative or Rust Control Lubricant” means any “Lubricant” designed or labeled primarily for the prevention or control of rust. A Lubricant that meets the definition for “Firearm Lubricant” is not a “Rust Preventative or Rust Control Lubricant.”
- (9) “Silicone-based Multi-purpose Lubricant” means any “Lubricant” which is designed or labeled for general lubrication or for use in a wide variety of applications, in which lubricity is primarily provided through the use of silicone compounds including, but not limited to, polydimethylsiloxane. “Silicone-based Multi-purpose Lubricant” does not include silicone-based lubricant products labeled solely for a single purpose.

“LVP-VOC” means a chemical “compound” or “mixture” that contains at least one carbon atom and meets one of the following:

- (A) has a vapor pressure less than 0.1 mm Hg at 20⁰C, as determined by ARB Method 310; or
- (B) is a chemical “compound” with more than 12 carbon atoms, or a chemical “mixture” comprised solely of “compounds” with more than 12 carbon atoms, as verified by formulation data, and the vapor pressure and boiling point are unknown; or
- (C) is a chemical “compound” with a boiling point greater than 216⁰C, as determined by ARB Method 310; or
- (D) is the weight percent of a chemical “mixture” that boils above 216⁰C, as determined by ARB Method 310.

For the purposes of the definition of LVP-VOC, chemical “compound” means a molecule of definite chemical formula and isomeric structure, and chemical “mixture” means a substance comprised of two or more chemical “compounds.”

“Manufacturer” means any person who imports, manufactures, assembles, produces,

packages, repackages, or relabels a consumer product.

“Marketer” means a company/person that contracts out the manufacturing of their products.

“Medicated Astringent/Medicated Toner” means any product regulated as a drug by the Food and Drug Administration (FDA) which is applied to the skin for the purpose of cleaning or tightening pores. “Medicated Astringent/Medicated Toner” includes, but is not limited to, clarifiers and substrate-impregnated products. “Medicated Astringent/Medicated Toner” does not include hand, face, or body cleaner or soap products, “Personal Fragrance Product,” “Astringent/Toner,” cold cream, lotion, antiperspirants, or products that must be purchased with a doctor’s prescription.

“Metal Polish or Cleanser” means any product designed or labeled to improve the appearance and/or protect finished metal, metallic, or metallized surfaces by physical or chemical action. To “improve the appearance” means to remove, or reduce stains, impurities, or oxidation from surfaces or to make surfaces smooth and shiny. “Metal Polish or Cleanser” includes, but is not limited to metal polishes used on brass, silver, chrome, copper, stainless steel and other ornamental metals. “Metal Polish or Cleanser” does not include “Automotive Wax, Polish, Sealant or Glaze,” “General Purpose Cleaner,” “Tire or Wheel Cleaner,” “Paint Remover or Stripper,” products designed and labeled exclusively for automotive and marine detailing, or products designed for use in degreasing tanks.

“Mist/dispersed Spray” means a substance that, upon being dispensed, generally yields a uniform application of discrete particles or droplets.

“Motor Vehicle Wash” means a product designed or labeled to wash, wash and wax, wash and shine, or wash and/or clean the exterior surface of motor vehicles. “Motor Vehicle Wash” includes, but is not limited to, products for use in commercial, fleet, hand, and “drive through” car washes; commercial truck washing or large vehicle washing stations; vehicle dealers and repair shops as well as products intended for household consumer use. “Motor Vehicle Wash” does not include “Bug and Tar Remover,” “Glass Cleaner,” “Tire or Wheel Cleaner,” and products labeled for use exclusively on locomotives or aircraft.

“Multi-purpose Solvent” means:

(BA) for products manufactured ~~on or after January 1, 2008~~ before January 1, 2015: any liquid product designed or labeled to be used for dispersing, dissolving, or removing contaminants or other organic materials. “Multi-purpose Solvent” also includes: 1. products that do not display specific use instructions on the product container or packaging; 2. products that do not specify an end-use function or application on the product container or packaging; 3. solvents used in institutional facilities, except for laboratory reagents used in analytical, educational, research, scientific or other laboratories; 4. “Paint clean-up” products; and 5. products labeled to prepare

surfaces for painting. For the purposes of this definition only, "Paint clean-up" means any liquid product labeled for cleaning oil-based or water-based paint, lacquer, varnish, or related coatings from, but not limited to, painting equipment or tools, plastics, or metals. "Multi-purpose Solvent" does not include 1. solvents used in cold cleaners, vapor degreasers, conveyORIZED degreasers or film cleaning machines; 2. solvents labeled exclusively for the clean-up of application equipment used for polyaspartic and polyurea coatings; ~~3. solvents that are incorporated into, or used exclusively in the manufacture or construction of, the goods or commodities at the site of the establishment;~~ ~~4. Products that are labeled exclusively to clean a specific contaminant, on a single substrate, in specific situations; or~~ 5. except as provided in section 94509(p)(4)(A), any product making any representation that the product may be used as, or is suitable for use as a consumer product which meets another definition in section 94508(a); such products are not "Multi-purpose Solvents" and are subject to the "Most Restrictive Limit" provisions of section 94512(a).

(B) for products manufactured on or after January 1, 2015: any product designed or labeled to be used for dispersing, dissolving, or removing contaminants or other organic materials.

"Multi-purpose Solvent" includes:

1. products that do not display specific use instructions on the product container or packaging;
2. products that do not display an end-use function or application on the product container or packaging;
3. solvents used in institutional facilities;
4. products labeled as "Paint Clean-Up," or products designed or labeled for cleaning oil-based or water-based paint, lacquer, varnish, or related coatings from painting equipment or tools, plastics, or metals;
5. products labeled to prepare surfaces for painting; and
6. products that display on the Principal Display Panel a specific chemical name. Examples of specific chemical names include mineral spirits, ketone, turpentine, toluene, xylene(s), acetone, naphtha, or alcohol.

"Multi-purpose Solvent" does not include:

1. solvents used in cold cleaners, vapor degreasers, conveyORIZED degreasers or film cleaning machines;

2. solvents labeled exclusively for the clean-up of application equipment used for polyaspartic and polyurea coatings;
3. products that are labeled exclusively to clean a specific contaminant, on a single substrate;
4. “Rubbing Alcohol;”
5. laboratory reagents used in analytical, educational, research, scientific or other laboratories; and
6. products that are used exclusively for the thinning of “Industrial Maintenance Coatings,” “Zinc –Rich Primers,” or “High Temperature Coatings” that meet both of the following criteria:
 - a. the Responsible Party also manufactures for sale in California “Industrial Maintenance Coatings,” “Zinc –Rich Primers,” or “High Temperature Coatings;” and
 - b. the label states the specific product or brand of the “Industrial Maintenance Coating,” “Zinc-Rich Primer,” or “High Temperature Coating” for which the product is used.

“Nail Polish” means any clear or colored coating designed for application to the fingernails or toenails and including but not limited to, lacquers, enamels, acrylics, base coats and top coats.

“Nail Polish Remover” means a product designed to remove nail polish and coatings from fingernails or toenails.

“No Rinse Shampoo” means a product designed or labeled solely to be applied to hair that is dry to clean, absorb oil, or eliminate odor, and is subsequently removed from the hair by combing, brushing, or toweling the hair.

“Nonaerosol” means any product which is not an “Aerosol Product.”

“Noncarbon Containing Compound” means any compound which does not contain any carbon atoms.

“Nonselective Terrestrial Herbicide” means a terrestrial herbicide product that is toxic to plants without regard to species.

“Odor Remover/Eliminator” means a product that is designed or labeled to be applied exclusively to hard surfaces to inhibit the ability of soils to create malodors, or functions to entrap, encapsulate, neutralize, convert or eliminate malodor molecules. “Odor Remover/Eliminator” does not include products designed or labeled for use in cleaning soils from hard surfaces, laundering, softening, de-wrinkling or cleaning

fabrics, or dishwashing, or products that are defined as “Air Freshener,” “Bathroom and Tile Cleaner,” “Carpet/Upholstery Cleaner,” “Fabric Refresher,” “General Purpose Cleaner,” “Toilet/Urinal Care Product,” “Disinfectant,” or “Sanitizer.”

“Oven or Grill Cleaner” means a product labeled exclusively to remove baked on greases and/or deposits from food preparation and/or food cooking surfaces. A product that is labeled as an “Oven or Grill Cleaner” that makes claims that it is suitable for degreasing other hard surfaces is a “General Purpose Degreaser.” A product that is labeled as an “Oven or Grill Cleaner” that makes claims that it is suitable for cleaning other hard surfaces is a “General Purpose Cleaner.”

“Paint” means any pigmented liquid, liquefiable, or mastic composition designed for application to a substrate in a thin layer which is converted to an opaque solid film after application and is used for protection, decoration or identification, or to serve some functional purpose such as the filling or concealing of surface irregularities or the modification of light and heat radiation characteristics.

“Paint Remover or Stripper” means any product designed to strip or remove paints or other related coatings, by chemical action, from a substrate without markedly affecting the substrate. “Paint Remover or Stripper” does not include “Multi-purpose Solvent,” paint brush cleaners, products designed and labeled exclusively as “Graffiti Remover,” and hand cleaner products that claim to remove paints and other related coatings from skin.

“Paint Thinner” means:

(A) for products manufactured before January 1, 2015: any liquid product used for reducing the viscosity of coating compositions or components, that prominently displays the term “Paint Thinner,” “Lacquer Thinner,” “Thinner,” or “Reducer” on the front panel of its packaging. “Paint Thinner” does not include any of the following products:

~~(A)~~1. “Artist’s Solvent/Thinner;”

~~(B)~~2. products that are sold in containers with a capacity of 5 gallons or more and labeled exclusively for the thinning of “Industrial Maintenance Coatings,” “Zinc-Rich Primers,” or “High Temperature Coatings;”

~~(C)~~3. products labeled and used exclusively as an ingredient in a specific coating or coating brand line, whereby the coating would not be complete or useable without the specific ingredient; and

~~(D)~~4. products that meet both of the following criteria:

4a. the ~~Principle~~Principal Display Panel of the product displays, in a font size as large as, or larger than, the font size of all other words on the

Principal Display Panel, language that the product is used exclusively for the thinning of “Industrial Maintenance Coatings,” “Zinc-Rich Primers,” or “High Temperature Coatings,” and

- 2b. no representation is made anywhere on the product container or packaging, or any label or sticker attached thereto, that the product is suitable for use or may be used for any other purpose except the thinning of “Industrial Maintenance Coatings,” “Zinc-Rich Primers,” or “High Temperature Coatings.”

(B) for products manufactured on or after January 1, 2015: any product that is reduce the viscosity of coating compositions or components, or a product that prominently displays terms such as “Paint Thinner,” “Lacquer Thinner,” “Thinner,” or “Reducer” on the label. “Paint Thinner” includes aerosol products that provide a seamless transition between finishes, except for “Uniform Finish Coating” as defined in section 94521(a).: any product that is

“Paint Thinner” does not include any of the following products:

1. “Artist’s Solvent/Thinner;”
2. “Rubbing Alcohol;”
3. products that are sold in containers with a capacity of 5 gallons or more and labeled exclusively for the thinning of “Industrial Maintenance Coatings,” “Zinc –Rich Primers,” or “High Temperature Coatings” that meet both of the following criteria:
 - a. the Responsible Party also manufactures for sale in California “Industrial Maintenance Coatings,” “Zinc –Rich Primers,” or “High Temperature Coatings;” and
 - b. the label states the specific product or brand of the “Industrial Maintenance Coating,” “Zinc –Rich Primer,” or “High Temperature Coating” for which the thinning product is to be used.
4. products labeled and used exclusively as an ingredient in a specific coating or coating brand line, whereby the coating would not be complete or useable without the specific ingredient; and
5. products that meet all of the following criteria:
 - a. the Principal Display Panel of the product displays, in a font size as large as, or larger than, the font size of all other words on the Principal Display Panel, excluding the company name, brand name, and logo, language that the product is used exclusively for the thinning of “Industrial Maintenance Coatings,” “Zinc-Rich Primers,” or

“High Temperature Coatings;”

- b. no representation is made anywhere on the product container or packaging, or any label or sticker attached thereto, that the product is suitable for use or may be used for any other purpose except the thinning of “Industrial Maintenance Coatings,” “Zinc-Rich Primers,” or “High Temperature Coatings;”
- c. the Responsible Party also manufactures for sale in California “Industrial Maintenance Coatings,” “Zinc –Rich Primers,” or “High Temperature Coatings;” and
- d. the label states the specific product or brand of the “Industrial Maintenance Coating,” “Zinc –Rich Primer,” or “High Temperature Coating” for which the thinning product is to be used.

“Parent Company” means the company or corporation that owns and controls other companies.

“Partial LVP-VOC” means a hydrocarbon solvent mixture containing compounds that boil above 216°C.

“Person” shall have the same meaning as defined in Health and Safety Code Section 39047.

“Personal Fragrance Product” means any product which is applied to the human body or clothing for the primary purpose of adding a scent or masking a malodor, including, but not limited to, cologne, perfume, aftershave, toilet water, lotion, powder, body mist, and body spray. “Personal Fragrance Product” does not include: (A) Deodorant, as defined in section 94501(d); (B) medicated products designed primarily to alleviate fungal or bacterial growth on feet or other areas of the body; (C) mouthwashes, breath fresheners and deodorizers; (D) lotions, moisturizers, powders or other skin care products designed or labeled to be used primarily to alleviate skin conditions such as dryness and irritations; (E) products designed exclusively to be applied to human genitalia areas, undergarments, and any paper products, napkins or other products that are affixed to undergarments, such as sanitary pads; (F) soaps, shampoos, and products primarily used to clean the human body; and (G) fragrance products designed to be used exclusively on nonhuman animals.

“Pesticide” means and includes any substance or mixture of substances labeled, designed, or intended for use in preventing, destroying, repelling or mitigating any pest, or any substance or mixture of substances labeled, designed, or intended for use as a defoliant, desiccant, or plant regulator, provided that the term “pesticide” will not include any substance, mixture of substances, or device which the United States Environmental Protection Agency does not consider to be a pesticide.

“Post-foaming Gel” means a semisolid that upon being dispensed from its container or upon contact with a surface, or as a result of exposure to body heat or the atmosphere, changes from a semisolid state to a foaming state. Post-foaming gel does not include substances that become foam solely from shearing action after being dispensed, such as rubbing the product on the skin or other agitation.

“Pressurized Gas Duster” means a pressurized product labeled to remove dust from a surface solely by means of mass air or gas flow, including surfaces such as photographs, photographic film negatives, computer keyboards, and other types of surfaces that cannot be cleaned with solvents. “Pressurized Gas Duster” does not include “Dusting Aid,” “General Purpose Cleaner,” “Electrical Cleaner,” “Electronic Cleaner,” “Energized Electrical Cleaner,” or “Anti-Static Product.” “Pressurized Gas Duster” does not include products labeled exclusively to remove dust from equipment where dust removal is accomplished when: electric current exists; residual electrical potential from a component such as a capacitor exists; or an open flame exists, as long as the “Principal Display Panel” clearly displays the statement: “Energized Equipment use only.”

“Principal Display Panel or Panels” means that part, or those parts of a label that are so designed as to most likely be displayed, presented, shown or examined under normal and customary conditions of display or purchase. Whenever a principal display panel appears more than once, all requirements pertaining to the “principal display panel” shall pertain to all such “principal display panels.”

“Product Brand Name” means the name of the product exactly as it appears on the principal display panel of the product.

“Product Category” means the applicable category which best describes the product as listed in this Section 94508.

“Product Form,” for the purpose of complying with Section 94513 only, means the applicable form which most accurately describes the product's dispensing form as follows:

- A = Aerosol Product
- S = Solid
- P = Pump Spray
- L = Liquid
- SS = Semisolid
- O = Other

“Propellant” means a liquefied or compressed gas that is used in whole or in part, such as a cosolvent, to expel a liquid or any other material from the same self-pressurized container or from a separate container.

“Pump Spray” means a packaging system in which the product ingredients within the container are not under pressure and in which the product is expelled only while a pumping action is applied to a button, trigger or other actuator.

“Resin” means a non-volatile, film-forming solid ingredient.

“Responsible Party” means the company, firm or establishment which is listed on the product's label. If the label lists two companies, firms or establishments, the responsible party is the party which the product was “manufactured for” or “distributed by,” as noted on the label.

“Restricted Materials” means pesticides established as restricted materials under Title 3, California Code of Regulations, section 6400.

“Retailer” means any person who sells, supplies, or offers consumer products for sale directly to consumers.

“Retail Outlet” means any establishment at which consumer products are sold, supplied, or offered for sale directly to consumers.

“Rubber/Vinyl Protectant” means:

~~(B) — for products manufactured on or after December 31, 2008:~~ any product labeled to protect, preserve or renew vinyl, or rubber on vehicles, tires, luggage, furniture, and/or household products such as vinyl covers, clothing, or accessories. “Rubber/Vinyl Protectant” does not include: products labeled to clean the wheel rim, such as aluminum or magnesium wheel cleaners; tire cleaners that do not leave an appearance-enhancing or protective substance on the tire; pigmented products designed or labeled to be used primarily for coloring; products used for construction, reconstruction, modification, structural maintenance or repair of rubber or vinyl substrates; or products, other than those labeled to be used on vehicle tires, qualifying as either “Clear Coating” or “Vinyl/Fabric/Leather/Plastic/Polycarbonate-Coating” ~~under as defined in section 94521(a).~~

“Rubbing Alcohol” means any product containing isopropyl alcohol (also called isopropanol) or denatured ethanol and labeled for topical use, usually to decrease germs in minor cuts and scrapes, to relieve minor muscle aches, as a rubefacient, and for massage.

“Sanitizer” means a product that is labeled as a “sanitizer,” or is labeled to reduce, but not necessarily eliminate, microorganisms in the air, on surfaces, or on inanimate objects, and whose label is registered as a “sanitizer” under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA; 7 U.S.C. section 136 et seq.). Products that are labeled as both a “sanitizer” and a “disinfectant” are considered disinfectants. “Sanitizer” does not include (A) “Disinfectant,” (B) products labeled solely for use on

humans or animals, (C) products labeled solely for agricultural use, (D) products labeled solely for use in swimming pools, therapeutic tubs, or hot tubs, (E) products which are labeled to be used on heat sensitive critical or semi-critical medical devices or medical equipment surfaces, (F) products which are pre-moistened wipes or towelettes sold exclusively to medical, convalescent or veterinary establishments (G) products which are labeled to be applied to food-contact surfaces and are not required to be rinsed prior to contact with food, or (H) products which are labeled as “Bathroom and Tile Cleaner,” “Glass Cleaner,” “General Purpose Cleaner,” “Toilet/Urinal Care Product,” “Metal Polish or Cleanser,” “Carpet Cleaner,” or “Fabric Refresher” that may also make sanitizing or antimicrobial claims on the label.

“Sealant or Caulking Compound” means any product with adhesive properties that is designed to fill, seal, waterproof, or weatherproof gaps or joints between two surfaces. “Sealant or Caulking Compound” does not include pipe thread sealants or pipe joint compounds; roof cements and roof sealants; insulating foams; removable caulking compounds; clear/paintable/water resistant caulking compounds; floor seam sealers; products designed exclusively for automotive uses; or sealers that are applied as continuous coatings. “Sealant or Caulking Compound” also does not include units of product, less packaging, which weigh more than one pound and consist of more than 16 fluid ounces. For the purposes of this definition only:

“Removable caulking compounds” means a compound which temporarily seals windows or doors for three to six month time intervals.

“Clear/paintable/water resistant caulking compounds” means a compound which contains no appreciable level of opaque fillers or pigments; transmits most or all visible light through the caulk when cured; is paintable; and is immediately resistant to precipitation upon application.

“Sealant or Caulking Compound” is divided into two subcategories:

- (A) “Chemically Curing Sealant or Caulking Compound” means any “Sealant or Caulking Compound” which achieves its final composition and physical form through a chemical curing process, where product ingredients participate in a chemical reaction in the presence of a catalyst that causes a change in chemical structure and leads to the release of chemical byproducts. “Chemically Curing Sealant or Caulking Compound” includes, but is not limited to, products that utilize silicone, polyurethane, silyl-terminated polyether, or silyl-terminated polyurethane reactive chemistries. “Chemically Curing Sealant or Caulking Compound” does not include products which are not solely dependent on a chemically curing process to achieve the cured state.
- (B) “Nonchemically Curing Sealant or Caulking Compound” means any “Sealant or Caulking Compound” not defined under “Chemically Curing Sealant or Caulking Compound.”

“Semisolid” means a product that, at room temperature, will not pour, but will spread or deform easily, including but not limited to gels, pastes, and greases.

“Shaving Cream” means an aerosol product which dispenses a foam lather intended to be used with a blade or cartridge razor, or other wet-shaving system, in the removal of facial or other bodily hair. “Shaving Cream” does not include “Shaving Gel.”

“Shaving Gel” means an aerosol product which dispenses a post-foaming semi-solid designed to be used with a blade, cartridge razor, or other shaving system in the removal of facial or other bodily hair. “Shaving Gel” does not include “Shaving Cream.”

“Solid” means a substance or mixture of substances which, either whole or subdivided (such as the particles comprising a powder), is not capable of visually detectable flow as determined under ASTM D-4359-90 (May 25, 1990) Standard Test Method for Determining Whether a Material Is a Liquid or a Solid, which is incorporated by reference herein.

“Single Purpose Cleaner” means a cleaning product that is designed and labeled exclusively to clean one specific object or its parts that is not subject to any other regulated category, except that a cleaning product that claims to clean a single appliance, counter, wall, cabinet or floor is a “General Purpose Cleaner.”

“Single Purpose Degreaser” means a product that is designed and labeled exclusively to degrease one specific object or its parts that is not subject to any other regulated category. “Single Purpose Degreaser” does not include “Adhesive Remover,” “Electrical Cleaner,” “Electronic Cleaner,” “Energized Electrical Cleaner,” “Engine Degreaser,” “General Purpose Cleaner,” “Metal Polish or Cleanser,” or “Oven or Grill Cleaner.” “Single Purpose Degreaser” also does not include products used exclusively in “solvent cleaning tanks or related equipment,” or products that are (A) exclusively sold directly or through distributors to establishments which manufacture or construct goods or commodities; and (B) labeled exclusively for “use in the manufacturing process only.” “Solvent cleaning tanks or related equipment” includes, but is not limited to, cold cleaners, vapor degreasers, conveyorized degreasers, film cleaning machines, or products designed to clean miscellaneous metallic parts by immersion in a container.

“Spot Remover” means any product labeled to clean localized areas, or remove localized spots or stains on cloth or fabric such as drapes, carpets, upholstery, or clothing, that may or may not require subsequent laundering to achieve stain removal. “Spot Remover” includes spotting agents used by commercial dry cleaning and “laundering” operations. “Spot Remover” does not include “Laundry Prewash” or aerosol products labeled solely for gum removal.

“Spray Buff Product” means a product designed to restore a worn floor finish in conjunction with a floor buffing machine and special pad.

“Surfactant” means any compound that lowers the surface tension between two liquids or between a liquid and a solid.

“Table B Compound” means any carbon-containing compound listed as an exception to the definition of VOC in Section 94508.

“Temporary Hair Color” means any product that applies color, glitter, or UV-active pigments to hair, wigs, or fur and is removable when washed. “Temporary Hair Color” includes hair color mousses and products labeled to add texture or thickness to cover thinning/balding areas. “Temporary Hair Color” does not include “Hair Finishing Spray,” “Hair Styling Product,” or “Hair Mousse.”

“Terrestrial” means to live on or grow from land.

“Thermal Protectant” means a product that is designed or labeled solely to be applied to the hair to protect it from heat damage during the use of heated tools such as blow drier, flat iron, and/or curling iron.

“Tire or Wheel Cleaner” means a product designed or labeled exclusively to clean either tires, wheels, or both. “Tire or Wheel Cleaner” includes, but is not limited to, products for use in commercial, fleet, hand, and “drive-through” car washes; commercial truck washing or large vehicle washing stations; vehicle dealers and repair shops, as well as household consumer products. “Tire or Wheel Cleaner” does not include products labeled for use exclusively on locomotives or aircraft.

“Tire Sealant and Inflator” means any pressurized product that is designed to temporarily inflate and seal a leaking tire.

“Toilet/Urinal Care Product” means any product designed or labeled to clean and/or to deodorize toilet bowls, toilet tanks, or urinals. Toilet bowls, toilet tanks, or urinals includes, but is not limited to, toilets or urinals connected to permanent plumbing in buildings and other structures, portable toilets or urinals placed at temporary or remote locations, and toilet or urinals in vehicles such as buses, recreational motor homes, boats, ships, and aircraft. “Toilet/Urinal Care Product” does not include “Bathroom and Tile Cleaner” or “General Purpose Cleaner.”

“Type A Propellant” means a compressed gas such as CO₂, N₂, N₂O, or compressed air which is used as a propellant, and is either incorporated with the product or contained in a separate chamber within the product's packaging.

“Type B Propellant” means any halocarbon which is used as a propellant including chlorofluorocarbons (CFCs), hydrochlorofluorocarbons (HCFCs), and hydrofluorocarbons (HFCs).

“Type C Propellant” means any propellant which is not a Type A or Type B propellant, including propane, isobutane, n-butane, and dimethyl ether (also known as dimethyl oxide).

“Undercoating” means:

- (A) for products manufactured before January 1, 2017: any aerosol product designed to impart a protective, nonpaint layer to the undercarriage, trunk interior, and/or firewall of motor vehicles to prevent the formation of rust or to deaden sound. “Undercoating” includes, but is not limited to, rubberized, mastic, or asphaltic products.
- (B) for products manufactured on or after January 1, 2017: any aerosol product designed or labeled exclusively to impart a protective, nonpaint layer to the undercarriage, trunk interior, and/or firewall or other parts of motor vehicles to prevent the formation of rust or to deaden sound. “Undercoating” includes, but is not limited to, rubberized, mastic, or asphaltic products. An aerosol product that may be used as an “Undercoating” but makes claims it may be used to provide a flexible or protective coating to non-vehicular surfaces is a “Flexible Coating” as defined in section 94521(a).

“Usage Directions” means the text or graphics on the product's principal display panel, label, or accompanying literature which describes to the end user how and in what quantity the product is to be used.

“Volatile Organic Compound (VOC)” means any compound containing at least one atom of carbon, excluding carbon monoxide, carbon dioxide, carbonic acid, metallic carbides or carbonates, and ammonium carbonate, and excluding the following:

- (A) methane,
methylene chloride (dichloromethane),
1,1,1-trichloroethane (methyl chloroform),
trichlorofluoromethane (CFC-11),
dichlorodifluoromethane (CFC-12),
1,1,2-trichloro-1,2,2-trifluoroethane (CFC-113),
1,2-dichloro-1,1,2,2-tetrafluoroethane (CFC-114),
chloropentafluoroethane (CFC-115),
chlorodifluoromethane (HCFC-22),
1,1,1-trifluoro-2,2-dichloroethane (HCFC-123),
1,1-dichloro-1-fluoroethane (HCFC-141b),
1-chloro-1,1-difluoroethane (HCFC-142b),
2-chloro-1,1,1,2-tetrafluoroethane (HCFC-124),
trifluoromethane (HFC-23),
1,1,2,2-tetrafluoroethane (HFC-134),
1,1,1,2-tetrafluoroethane (HFC-134a),
pentafluoroethane (HFC-125),
1,1,1-trifluoroethane (HFC-143a),
1,1-difluoroethane (HFC-152a),
ethoxy-nonafluorobutane (HFE 7200),
trans-1,3,3,3-tetrafluoropropene (HFO-1234ze).

cyclic, branched, or linear completely methylated siloxanes,
the following classes of perfluorocarbons:

1. cyclic, branched, or linear, completely fluorinated alkanes;
2. cyclic, branched, or linear, completely fluorinated ethers with no unsaturations;
3. cyclic, branched, or linear, completely fluorinated tertiary amines with no unsaturations; and
4. sulfur-containing perfluorocarbons with no unsaturations and with the sulfur bonds to carbon and fluorine, and

(B) the following low-reactive organic compounds which have been exempted by the U.S. EPA:

acetone,
ethane,
methyl acetate,
parachlorobenzotrifluoride (1-chloro-4-trifluoromethyl benzene),
perchloroethylene (tetrachloroethylene).

“VOC Content” means the total weight of VOC in a product expressed as a percentage of the product weight (exclusive of the container or packaging), as determined pursuant to sections 94515(a) and (b).

“Waterproofer” means a nonaerosol product designed ~~and/or~~ labeled exclusively to repel water from fabric or leather substrates. “Waterproofer” does not include “Fabric Protectant.” Any aerosol product that meets the definition of an “Aerosol Coating Product” as defined in section 94521(a) and is designed or labeled exclusively to repel water from fabric or leather substrates is a “Vinyl/Fabric/Leather/Plastic Coating” as defined in section 94521(a).

“Wax” means a material or synthetic thermoplastic substance generally of high molecular weight hydrocarbons or high molecular weight esters of fatty acids or alcohols, except glycerol and high polymers (plastics). “Wax” includes, but is not limited to, substances derived from the secretions of plants and animals such as carnauba wax and beeswax, substances of a mineral origin such as ozocerite and paraffin, and synthetic polymers such as polyethylene.

“Windshield Water Repellent” means a product designed or labeled exclusively to repel water from motor vehicle exterior automotive glass surfaces. “Windshield Water Repellent” does not include “Automotive Windshield Washer Fluid.”

“Wood Cleaner” means a product labeled to clean wooden materials including but not limited to decking, fences, flooring, logs, cabinetry, and furniture. “Wood Cleaner” does not include “Dusting Aid,” “General Purpose Cleaner,” “Furniture Maintenance Product,” “Floor Wax Stripper,” “Floor Polish or Wax,” or products designed and labeled exclusively to preserve or color wood.

Aerosol Coating Products Definitions

“Adhesive” means a product used to bond one surface to another by attachment.

“Aerosol Coating Product” means a pressurized coating product containing ~~p~~ Pigments or ~~r~~ Resins that dispenses product ingredients by means of a propellant, and is packaged in a disposable ~~can~~ aerosol container for hand-held application, or for use in specialized equipment for ground traffic/marketing applications. An “Aerosol Coating Product” may include other “Coating Solid” ingredients. “Aerosol Coating Product” does not include products subject to the Consumer Products Regulation, sections 94507-94517 or the Antiperspirants and Deodorants Regulation, sections 94500-94506.5.

“Antimicrobial Compound” means any ingredient added to an “Aerosol Coating Product” exclusively to prevent microbial growth or product spoilage.

~~“Anti-Static Spray” means a product used to prevent or inhibit the accumulation of static electricity.~~ “Anti-Static Product” means a product that is designed and labeled to eliminate, prevent, or inhibit the accumulation of static electricity.

“Art Fixative or Sealant” means a clear ~~coating,~~ “Aerosol Coating Product,” including art varnish, workable art fixative, and ceramic coating, which is designed and labeled exclusively for application to paintings, pencil, chalk, or pastel drawings, ceramic art pieces, or other closely related art uses, in order to provide a final protective coating or to fix preliminary stages of artwork while providing a workable surface for subsequent revisions.

“ASTM” means ~~the American Society for Testing and Materials.~~ ASTM International.

“Auto Body Primer” means an ~~automotive primer or primer surfacer coating~~ “Aerosol Coating Product” designed and labeled exclusively to be applied to a vehicle body substrate ~~for the purposes of to provide~~ corrosion resistance ~~and or to building~~ a repair area to a condition in which, after drying, it can be sanded to a smooth surface.

“Automotive Bumper and Trim Product” means ~~a product,~~ an “Aerosol Coating Product,” including adhesion promoters and chip sealants, designed and labeled exclusively to repair and refinish automotive bumpers and automotive plastic trim parts.

~~“Automotive Underbody Coating” means flexible coating which contains asphalt or rubber and is designed and labeled exclusively for use on the underbody of motor vehicles to resist rust, abrasion and vibration, and to deaden sound.~~

“Aviation Propeller Coating” means ~~a coating~~ an “Aerosol Coating Product” designed and labeled exclusively to provide abrasion resistance and corrosion protection for aircraft propellers.

~~“Aviation or Marine Primer” means a coating~~ an “Aerosol Coating Product” designed and labeled exclusively to meet federal specification TT-P-1757.

~~“Belt Dressing” means a product applied on auto~~ to vehicular fan belts, water pump belting, power transmission belting, ~~and~~ or industrial and farm machinery belting to prevent slipping, ~~and~~ or to extend belt life.

“Cleaner” means a product designed and labeled primarily to remove soil or other contaminants from surfaces.

~~“Clear Coating” means a coating~~ an “Aerosol Coating Product” which is colorless or transparent, containing resins but no pigments except flattening agents, and is designed and labeled to form a transparent or translucent solid film.

“Coating” means a material applied onto or impregnated into a substrate for protective, decorative, or functional purposes.

~~“Coating Solids” means the any nonvolatile portion~~ ingredient of an “Aerosol Coating Product,” ~~consisting of the film forming ingredients, including pigments and resins.~~

“Commercial Application” means the use of an “Aerosol Coating Product” in the production of goods, or the providing of services for profit, including touch-up and repair.

~~“Corrosion Resistant Brass, Bronze, or Copper Coating” means a clear coating~~ “Aerosol Coating Product” designed and labeled exclusively to prevent tarnish and corrosion of uncoated brass, bronze, or copper metal surfaces.

“Distributor” means any person to whom an “Aerosol Coating Product” is sold or supplied for the purposes of resale or distribution in commerce, except that manufacturers, retailers, and consumers are not distributors.

“Dye” means a product containing no resins which is used to color a surface or object without building a film.

~~“Electrical/Electronic/Conformal Coating” means a coating~~ an “Aerosol Coating Product” designed and labeled exclusively ~~as such, which is used exclusively~~ to coat electrical or electronic components or devices. ~~such as wire windings on electric motors to provide insulation and protection from corrosion.~~

~~“Enamel” means a coating which cures by chemical cross-linking of its base resin and is not resolvable in its original solvent.~~

~~“Engine Paint Coating” means a coating~~ an “Aerosol Coating Product” designed and labeled exclusively to coat engines and their components.

“Exact Match Finish” means an “Aerosol Coating Product” which meets all of the following criteria: (A) the product is labeled with the manufacturer's name for which they were formulated; and (B) the product is labeled with one of the following: (1.) the original equipment manufacturer's (O.E.M.) color code number; (2.) the color name; or (3.) other designation identifying the specific O.E.M. color to the purchaser.

“Exact Match Finish, Automotive” means an “Aerosol Coating Product” which meets the definition of “Exact Match Finish” and is designed and labeled exclusively to exactly match the color of an original, factory-applied automotive coating during the touch-up of automobile finishes. Notwithstanding the foregoing, automotive clear coatings designed and labeled exclusively for use over automotive exact match finishes to replicate the original factory applied finish are “Exact Match Finish, Automotive” products.

“Exact Match Finish, Engine Paint” means a coating an “Aerosol Coating Product” which meets the definition of “Exact Match Finish” and all of the following criteria: (A) the product is designed and labeled exclusively to exactly match the color of an original, factory-applied engine paint coating. ; (B) the product is labeled with the manufacturer's name for which they were formulated; and (C) the product is labeled with one of the following: (1.) the original equipment manufacturer's (O.E.M.) color code number; (2.) the color name; or (3.) other designation identifying the specific O.E.M. color to the purchaser.

“Exact Match Finish, Industrial” means a coating an “Aerosol Coating Product” which meets the definition of “Exact Match Finish” and all of the following criteria: (A) the product is designed and labeled exclusively to exactly match the color of an original, factory-applied industrial coating during the touch-up of manufactured products. ; (B) the product is labeled with the manufacturer's name for which they were formulated; and (C) the product is labeled with one of the following: (1.) the original equipment manufacturer's (O.E.M.) color code number; (2.) the color name; or (3.) other designation identifying the specific O.E.M. color to the purchaser.

“Executive Officer” means the Executive Officer of the Air Resources Board, or her or his delegate.

“Extender” means an ingredient added to an “Aerosol Coating Product” to increase coating solids.

“Flat Paint Products Coating” means a coating an “Aerosol Coating Product” which, when fully dry, registers specular gloss less than or equal to 15 on an 85° gloss meter, or less than or equal to 5 on a 60° gloss meter, or which is labeled as a flat coating. A “Flat Coating” that prominently displays on the “Principal Display Panel” that the product is a dual function paint and primer, and is packaged in a single aerosol container, is a “Flat Coating.”

“Flatting Agent” means a compound an ingredient added to a coating to reduce the gloss of the coating without adding color to the coating.

“Flexible Coating” means an “Aerosol Coating Product” designed and labeled exclusively to provide a flexible coating to protect surfaces. “Flexible Coating” includes, but is not limited to, rubberized, mastic, or asphaltic products. “Flexible Coating” does not include “Undercoating” as defined in section 94508(a).

“Floral Coating Spray” means a coating an “Aerosol Coating Product” designed and labeled exclusively for use on fresh flowers, dried flowers, or other items in a floral arrangement for the purposes of coloring, preserving or protecting their appearance.

“Fluorescent Coating” means a coating an “Aerosol Coating Product” labeled as such a fluorescent coating, which converts absorbed incident light energy into emitted light of a different hue.

“Fragrance” means a substance or complex mixture of aroma chemicals, natural essential oils, and other functional components with a combined vapor pressure not in excess of 2 mm of Hg at 20°C, the sole purpose of which is to impart an odor or scent, or to counteract a malodor.

“General Coating” means the following aerosol coating products: “Clear Coating,” “Flat Coating,” “Fluorescent Coating,” “Metallic Coating,” “Nonflat Coating,” or “Primer.”

“Glass Coating” means a coating an “Aerosol Coating Product” designed and labeled exclusively for use on glass or other transparent material to create a soft, translucent light effect, or to create a tinted or darkened color while retaining transparency.

“Ground Traffic/Marking Coating” means a coating an “Aerosol Coating Product” designed and labeled exclusively to be applied to dirt, gravel, grass, concrete, asphalt, warehouse floors, or parking lots. Such Ground Traffic/Marking coatings must be in a container equipped with a valve and sprayhead designed to direct the spray toward the surface when the can is held in an inverted vertical position.

“High Temperature Coating” means an “Aerosol Coating Product” designed and labeled exclusively for application to substrates exposed continuously or intermittently to temperatures above 204°C (400°F) a coating, excluding engine paint, which is designed and labeled exclusively for use on substrates which will, in normal use, be subjected to temperatures in excess of 400°F. “High Temperature Coating” does not include “Engine Coating.”

“Hobby/Model/Craft Coating” means a coating an “Aerosol Coating Product” which is designed and labeled exclusively for hobby applications and is sold in aerosol containers of 6 ounces by weight or less.

“Ingredient” means a component of an “Aerosol Coating Product.”

“Ink” means a fluid or viscous substance used in the printing industry to produce letters, symbols or illustrations, but not to coat an entire surface.

“Label” means any written, printed, or graphic matter affixed to, applied to, attached to, blown into, formed, molded into, embossed on, or appearing upon any consumer product or consumer product package, for purposes of branding, identifying, or giving information with respect to the product or to the contents of the package.

“Layout Fluid” (or toolmaker’s ink) means ~~a coating~~ an “Aerosol Coating Product” designed and labeled exclusively to be sprayed on metal, glass or plastic, to provide a glare-free surface on which to scribe designs, patterns or engineering guide lines prior to shaping the piece.

“Leather ~~p~~Preservative or ~~e~~Cleaner” means a leather treatment material applied exclusively to clean or preserve leather.

“Lubricant” means ~~a product substance such as oil, petroleum distillates, grease, graphite, silicone, lithium, etc. that is used to reduce~~ friction, heat, noise, or wear when applied between surfaces between moving parts, or loosens rusted or immovable parts or mechanisms.

“Manufacturer” means any person who imports, manufactures, assembles, produces, packages, repackages, or relabels a consumer product.

“Marine Spar Varnish” means ~~a coating~~ an “Aerosol Coating Product” designed and labeled exclusively to provide a protective sealant for marine wood products.

“Maskant” means ~~a coating~~ product applied directly to a component to protect surface areas from damage during fabrication, inspection, or shipment and must not leave a residue when removed. ~~when chemical milling, anodizing, aging, bonding, plating, etching, or performing other chemical operations on the surface of the component.~~

“Metallic Coating” means ~~a topcoat~~ an “Aerosol Coating Product” which contains at least 0.5 percent by weight elemental metallic pigment in the formulation, including propellant, and is labeled as “metallic,” or with the name of a specific metallic finish such as “gold,” “silver,” or “bronze.” A “Metallic Coating” that prominently displays on the “Principal Display Panel” that the product is a dual function paint and primer, and is packaged in a single aerosol container, is a “Metallic Coating.”

“Mold Release Coating” means ~~a coating~~ an “Aerosol Coating Product” designed and labeled exclusively to be applied to molds to prevent products from sticking to the surfaces of the mold.

“Multi-~~C~~omponent Kit” means ~~an aerosol paint~~ an “Aerosol Coating Product” system which requires the application of more than one component (e.g. for example, foundation coat and top coat), where both components are sold together in one package.

“Nonflat Paint Product Coating” means a coating an “Aerosol Coating Product” which, when fully dry, registers a specular gloss greater than 15 on an 85° gloss meter or greater than 5 five on a 60° gloss meter, or which is labeled as a nonflat coating. A “Nonflat Coating” that prominently displays on the “Principal Display Panel” that the product is a dual function paint and primer, and is packaged in a single aerosol container, is a “Nonflat Coating.”

“Ozone” means a colorless gas with a pungent odor, having the molecular form O₃.

“Photograph Coating” means a coating an “Aerosol Coating Product” designed and labeled exclusively to be applied to finished photographs to allow corrective retouching, protection of the image, changes in gloss level, or to cover fingerprints.

“Pigment” means a “Coating Solid” of either natural or synthetic insoluble material added to a coating to provide color, opacity, or corrosion inhibition to a coating film.

“Plasticizer” means an ingredient added to an “Aerosol Coating Product” to aid in flexibility.

“Pleasure Craft” means privately owned vessels used for noncommercial purposes.

“Pleasure Craft Finish Primer/Surfacer/Undercoater” means a coating an “Aerosol Coating Product” designed and labeled exclusively to be applied prior to the application of a ~~p~~ “Pleasure eCraft tTopcoat” for the purpose of corrosion resistance and ~~and~~ or adhesion of the topcoat, and which promotes a uniform surface by filling in surface imperfections.

“Pleasure Craft Topcoat” means a coating an “Aerosol Coating Product” designed and labeled exclusively to be applied to a ~~p~~ “Pleasure eCraft” as a final coat above the waterline and below the waterline when stored out of water. ~~This category does not include clear coatings.~~

“Polyolefin Adhesion Promoter” means a coating an “Aerosol Coating Product” designed and labeled exclusively to be applied to a polyolefin or polyolefin copolymer surface of ~~automotive~~ vehicular body parts, bumpers, or trim parts to provide a bond between the surface and subsequent topcoats.

“Primer” means a coating an “Aerosol Coating Product” labeled as ~~such~~ a primer, which is designed and labeled to be applied to a surface to provide a bond between that surface and subsequent coats.

“Principal Display Panel or Panels” means that part, or those parts of a label that are so designed as to most likely be displayed, presented, shown or examined under normal and customary conditions of display or purchase. Whenever a principal display panel appears more than once, all requirements pertaining to the “Principal Display Panel” shall pertain to all such “Principal Display Panels.”

“Propellant” means a liquefied or compressed gas that is used in whole or in part, ~~such as a cosolvent~~, to expel a liquid or any other material from the same self-pressurized container or from a separate container.

“Reactive Organic Compound (ROC)” means any compound containing at least one atom of carbon and that has the potential, once emitted, to contribute to ozone formation in the troposphere.

“Resin” means a “Coating Solid” that comprises the film-forming ingredients in an “Aerosol Coating Product.” Examples of resin ingredients include acrylic, alkyd, enamel, epoxy, lacquer, polyurethane, polyvinyl chloride, shellac, silicone, and polystyrene.

“Responsible Party” means the company, firm, or establishment which is listed on the product’s label. If the label lists two companies, firms or establishments, the responsible party is the party which the product was “manufactured for” or “distributed by”, as noted on the label.

“Retailer” means any person who sells, supplies, or offers aerosol coating products for sale directly to consumers.

“Retail Outlet” means any establishment where consumer products are sold, supplied, or offered for sale, directly to consumers.

“Rust Converter” means ~~a product~~ an “Aerosol Coating Product” designed and labeled exclusively to convert rust to an inert material and which contains a minimum acid content of ~~0.5~~ 1.0 percent by weight, and a maximum coating solids content of ~~0.5~~ 6.0 percent by weight.

“Specialty Coating” means any “Aerosol Coating Product” that is not a “General Coating” unless specifically exempted as specified in section 94523. An aerosol coating that does not meet all the criteria for a specific “Specialty Coating” or an aerosol coating that is not defined in this section 94521(a) is a “General Coating.”

“Shellac Sealer” means a clear or pigmented ~~coating~~ “Aerosol Coating Product” formulated solely with the resinous secretion of the lac beetle (*Laccifer lacca*), thinned with alcohol, and formulated to dry by evaporation without a chemical reaction.

“~~Slip-Resistant~~/Non-slip Grip Coating” means ~~a coating~~ an “Aerosol Coating Product” (A) designed and labeled exclusively as ~~such a slip-resistant coating~~, which is formulated with synthetic grit and used as a safety coating; or (B) labeled exclusively as a non-slip grip coating designed to reduce or prevent slipping.

“~~Spatter Coating~~/Multicolor/Stucco Coating” means ~~a coating~~ an “Aerosol Coating Product” (A) labeled exclusively as ~~such a spatter coating wherein~~ which produces spots, globules, or spatters of individual or contrasting colors appear on or within the surface of a contrasting or similar background; or (B) labeled exclusively as a multicolor

coating; or (C) labeled exclusively as a stucco coating that is made from a mixture of Portland cement, sand, and lime.

~~“Stain” means a coating which is designed and labeled to change the color of a surface but not conceal the surface.~~

“Two Component Coating” means an “Aerosol Coating Product” packaged in an aerosol container with a separate integrated chamber for the hardener or activator.

“Uniform Finish Coating” means an “Aerosol Coating Product” designed and labeled exclusively for application to the area adjacent to a spot repair for the purpose of blending the spot repair’s color or clear coating to match the appearance of an adjacent area’s existing coating. For the purpose of this article, “Spot Repair” means repair of an area of less than 1 square foot (929 square centimeters). “Uniform Finish Coating” includes products labeled as edge blenders.

“Vinyl/Fabric/Leather/Plastic/Polycarbonate Coating” means a coating an “Aerosol Coating Product” (A) designed and labeled exclusively to coat vinyl, fabric, leather, or plastic, or polycarbonate substrates; or (B) designed and labeled exclusively to repel water from fabric or leather substrates. “Vinyl/Fabric/Leather/Plastic Coating” does not include “Fabric Protectant” as defined in section 94508(a).

~~“Webbing/Veiling Coating” means a coating an “Aerosol Coating Product” designed and labeled exclusively to provide a stranded to or spider webbed appearance when applied.~~

“Weight Fraction” means the weight of an ingredient divided by the total net weight of the product, expressed to thousandths of a gram of ingredient per gram of product (excluding container and packaging). The weight fraction is calculated according to the following equation:

$$\text{Weight Fraction} = \frac{\text{Weight of the Ingredient}}{\text{Total Product Net Weight (excluding container and packaging)}}$$

~~“Weld-Through Primer” means a coating an “Aerosol Coating Product” designed and labeled exclusively to provide a bridging or conducting effect for corrosion protection following welding.~~

~~“Wood Stain Coating” means a coating an “Aerosol Coating Product” which is formulated designed and labeled exclusively as a wood stain and is used to change the color of a wood surface but not conceal the surface grain pattern or texture.~~

“Wood Touch-Up/Repair/Restoration Coating” means ~~a coating~~ an “Aerosol Coating Product” designed and labeled exclusively to provide an exact color or sheen match on finished wood products.

Appendix H: Conversion Tables

Below are conversion tables designed for converting mass units to grams and volume units to milliliters. The Consumer Products Reporting Tool (CPRT) will only accept data entered with gram and milliliter units. Please ensure the conversions to these units are done before entering data into the CPRT.

CONVERSION FOR MASS MEASUREMENT	
1 Kilogram (kg)	= 1000 gram (g)
1 Weight ounce (wt oz or WO)	= 28.35 g
1 Pound (lb)	= 453.59 g

CONVERSION FOR VOLUME MEASUREMENT	
1 Liter (l)	= 1000 milliliter (ml)
1 Fluid Ounce (fl oz or FO)	= 29.57 ml
1 Pint	= 473.18 ml
1 Quart (qt)	= 946.35 ml
1 Gallon (gal)	= 3,785.41 ml
1 Drum	= 55 gal

Appendix I: U.S. Resident Population

If California specific sales data are not available, sales may be estimated by prorating national or regional sales figures by population using population estimates from 2013, provided below.

Total population of the United States: 316,128,839.

STATE	POPULATION	%	RANK
Alabama	4,833,722	1.5	23
Alaska	735,132	0.2	47
Arizona	6,626,624	2.1	15
Arkansas	2,959,373	0.9	33
California	38,332,521	12.1	1
Colorado	5,268,367	1.7	22
Connecticut	3,596,080	1.1	29
Delaware	925,749	0.3	45
District of Columbia	646,449	0.2	(X)
Florida	19,552,860	6.2	4
Georgia	9,992,167	3.2	8
Hawaii	1,404,054	0.4	40
Idaho	1,612,136	0.5	39
Illinois	12,882,135	4.1	5
Indiana	6,570,902	2.1	16
Iowa	3,090,416	1.0	30
Kansas	2,893,957	0.9	34
Kentucky	4,395,295	1.4	26
Louisiana	4,625,470	1.5	25
Maine	1,328,302	0.4	41
Maryland	5,928,814	1.9	19
Massachusetts	6,692,824	2.1	14
Michigan	9,895,622	3.1	9
Minnesota	5,420,380	1.7	21
Mississippi	2,991,207	0.9	31
Missouri	6,044,171	1.9	18

STATE	POPULATION	%	RANK
Montana	1,015,165	0.3	44
Nebraska	1,868,516	0.6	37
Nevada	2,790,136	0.9	35
New Hampshire	1,323,459	0.4	42
New Jersey	8,899,339	2.8	11
New Mexico	2,085,287	0.7	36
New York	19,651,127	6.2	3
North Carolina	9,848,060	3.1	10
North Dakota	723,393	0.2	48
Ohio	11,570,808	3.7	7
Oklahoma	3,850,568	1.2	28
Oregon	3,930,065	1.2	27
Pennsylvania	12,773,801	4.0	6
Rhode Island	1,051,511	0.3	43
South Carolina	4,774,839	1.5	24
South Dakota	844,877	0.3	46
Tennessee	6,495,978	2.1	17
Texas	26,448,193	8.4	2
Utah	2,900,872	0.9	33
Vermont	626,630	0.2	49
Virginia	8,260,405	2.6	12
Washington	6,971,406	2.2	13
West Virginia	1,854,304	0.6	38
Wisconsin	5,742,713	1.8	20
Wyoming	582,658	0.2	50

X = Not Applicable

Source: Population Division, U.S. Census Bureau, Annual Estimates of the Resident Population: April 1, 2010 to July 1, 2013, Release Date: December 2013

Example calculation of CA sales for a sample region (Arizona, California, Nevada, Oregon, & Washington):

$$\text{CA sales} = [\text{Sample region total sales}] \times \left[\frac{\text{CA population}}{\text{AZ pop.} + \text{CA pop.} + \text{NV pop.} + \text{OR pop.} + \text{WA pop.}} \right]$$

Appendix J: Air Freshener Reporting

When submitting data for the Air Freshener or Other Scented Products categories, it is important to note that some products may appear to go into more than one category. For example, if you have a scented table candle product that makes ***no air freshening claims*** on the label, then it would be reported within the general category 20150 “Other Scented Products,” in sub-category 20153 “Scented Candles”:

20150 Other Scented Products (no air freshening claims)	
20151	Incense Product
20152	Liquid Candle
20153	Scented Candle
20154	Potpourri/Potpourri Oil

If you have a candle that ***makes air freshening claims*** on the product label, then the product would be reported in the general category 20100 “Air Fresheners,” in the sub-category 20105 “Air Freshener solid/semisolid”:

20100 Air Fresheners	
20101	Air Freshener, Double Phase Aerosol
20102	Air Freshener, Single Phase Aerosol
20103	Dual Purpose Air Freshener/Disinfectant (aerosol)
20104	Air Freshener, liquid/pump spray
20105	Air Freshener, solid/semisolid
20124	Other air fresheners
20125 Odor Removers/Eliminators	
20126	Odor Remover/Eliminator (aerosol)
20127	Odor Remover/Eliminator (nonaerosol)
20129	Other odor remover/eliminator products

For the definition of an Air Freshener and other Consumer Products definitions, please refer to Appendix G.