

**Subject:** Written Comments on Air Cleaners

**From:** Odatum <odatus@odatus.org>

**Date:** Mon, 08 Jan 2007 11:52:15 -0800

**To:** aircleaners@listserv.arb.ca.gov

Our comments have already been published.

Please visit: <http://odatus.com/california-air.html>

John O. Shannon, CES, IEE

Odatum by Care Tech Industries, inc.

727-393-3327

# FALSE STATEMENTS AND IRRESPONSIBLE LISTINGS BY

## CALIFORNIA AIR RESOURCES BOARD

Indoor Air Quality and Personal Exposure Assessment Program

*This page was updated May 5, 2006*

<http://www.arb.ca.gov/research/indoor/o3g-list.htm>

### "Hazardous Ozone Generators Sold as Air Purifiers - Updated May 5, 2006

Some devices that are advertised as "air purifiers" or air cleaners purposely emit large amounts of ozone, the main component of smog! Not only are such ozone generators ineffective at cleaning indoor air, but breathing ozone poses serious health risks. The Air Resources Board recommends that ozone generators not be used.

The following is a partial list of portable ozone generators that are sold as air purifiers, primarily for residential use. Inclusion on this list is based on information available at the time of review. Exclusion from this list is not to be construed as endorsement by the California Air Resources Board. Ozone generators intended for commercial use, and in-duct systems or other non-portable devices, are not listed here but may generate potentially harmful levels of ozone.

This list (updated May 5, 2006) will be updated periodically as information becomes available."

### REBUTTAL

#### (1) "Some devices that are advertised as "air purifiers" or air cleaners purposely emit large amounts of ozone"

Odatum Comment

What is considered a large amount of ozone when OSHA chart shows exposure of 50 ppm for 10 minutes or more? OSHA's Standards are 0.1 ppm for an eight hour day exposure to factory workers.

#### (2) "ozone the main component of smog!"

Odatum Comment

**Quote: McGraw Hill of Science 7th Edition** "Ozone occurs to a variable extent in the earth's atmosphere. Near the earth's surface the concentration is usually 0.02-.03 ppm in country air, and less in cities except when there is smog; under smog conditions in Los Angeles ozone is thought to be formed by the action of sunlight on oxygen of the air in the presence of impurities, and on a bad day the ozone concentration may reach 0.5 ppm or more for short periods of time."

#### (3) "Not only are such ozone generators ineffective at cleaning indoor air,"

Odatum Comment

[EPA's Executive Summary Report # 68D98118](#) proves just the opposite when manufactured by cold plasma. [Read the political facts](#)

#### (4) "but breathing ozone poses serious health risks."

Odatum Comment

There is not one reliable report that will substantiate this statement. In fact, there are [hundreds of doctors](#) that have used ozone oxygen therapy since 1850 for many cures including cancer. A list of [Doctors in California](#) are among this National and International list.

---

**I asked Tom Phillips by email to remove Odatum from this list. (See the following emails.)**

**Odatum email to Tom Phillips**

Delivery-date: Sat, 28 Oct 2006 13:00:35 -0400

Subject: Fwd: Re: ARB Listing of Odatum product as Ozone Generator]

On your page, <http://www.arb.ca.gov/research/indoor/o3g-list.htm>, you have Odatum Listed under the heading **Hazardous Ozone Generators Sold as Air Purifiers - Updated May 5, 2006**

**Please remove Odatum from this list immediately.**

**Please notify Odatum of your actions at: [iaqara@iaqara.us](mailto:iaqara@iaqara.us)**

The Odatum is a MEDICAL device listed with FDA

Odatum is also patented as a Biological Defense System

Odatum has reliable scientific evidence to substantiate their claim.

Please visit [odatum.com](http://odatum.com) and [iaqara.us](http://iaqara.us) for documentation

John O. Shannon, CES, IEE  
CC Attorney David Petrano  
For Care Tech Industries, Inc.

---

**Tom Phillips' Reply**

Mr. Tom Phillips **REPLY**

Date: Thu, 26 Oct 2006 17:10:49 -0700

From: Tom Phillips <[tphillips@arb.ca.gov](mailto:tphillips@arb.ca.gov)>

Subject: Re: ARB Listing of Odatum product as Ozone Generator]

In-reply-to: <[45367D7E.6030300@arb.ca.gov](mailto:45367D7E.6030300@arb.ca.gov)>

To: [iaqara@iaqara.us](mailto:iaqara@iaqara.us)

Cc: David Petrano <[dpetrano@yahoo.com](mailto:dpetrano@yahoo.com)>,  
Kirk Oliver <[koliver@arb.ca.gov](mailto:koliver@arb.ca.gov)>,  
"JENKINS, PEGGY" <[mjenkins@arb.ca.gov](mailto:mjenkins@arb.ca.gov)>

Organization: CARB/RD, Indoor Air Quality and Personal Exposure Assessment Program

MIME-version: 1.0

References: <[45367D7E.6030300@arb.ca.gov](mailto:45367D7E.6030300@arb.ca.gov)>

Content-Length: 3841

Dear Messrs. Petrano and Shannon:

We have carefully reviewed the information on your websites, but our findings and information on your websites still indicate to us that some of your models are ozone generators and are correctly listed on our website as such.

**Odatum Comment**

**Where?**

We did find the documentation of FDA approval of your device under 21 CFR 880.5045 as a Class II air cleaner (ESP and filter type), but not under FDA's regulations for ozone emissions from medical devices, 21 CFR 801.415, Maximum acceptable level of ozone.

**Odatum Comment**

**(Of course not, it is not an ozone generator as you know it!)**

Please send us documentation of test results and test methods used to show compliance with 21 CFR 801.415, Maximum acceptable level of ozone, which is the relevant standard for this device. Please include quality control and quality assurance documentation for the test procedures. Either electronic or hard copy versions are fine; hard copies can be sent to Tom Phillips at the address listed in the signature block below.

**Odatum Comment**

**(The Odatum is a cold plasma generator, it is not an ozone generator as you know it!)**

Your website on conformance with European Community directives (<http://odatus.com/CE-Docket.html>) indicates that your devices meet UL 867, impact test and grounding resistance test. We did not see any mention of the UL 867 test for ozone emissions. Please send us any available documentation of test results and test methods used to show compliance of your products with the ozone emission portion of UL 867, and with any other ozone standards such as Europe's' Blue Angel standard. Please include quality control and quality assurance documentation for the test procedures.

Odatus Comment

(The Odatus is a cold plasma generator, it is not an ozone generator as you know it!)

Your website claims or implies that USEPA endorses the cold plasma ozone technology for indoor air cleaning. However, the [EPA's 1999 Executive Summary Report](#) appears to be an executive summary of a feasibility study, rather than an endorsement or recommendation, and a complete final report is not available on the [IAQARA](#) or USEPA websites. Please send us a copy of the complete final report ( [see iaqara.us](http://see.iaqara.us) ) for this and any subsequent work funded by USEPA on cold plasma ozone technology for indoor air cleaning.

Odatus Comment

[EPA Final Report](#) cannot be overstated.

Thank you in advance,  
Tom Phillips

Odatus Comment

**Mr. Phillips and Californian's,**  
**I fought CSA for a year over the same subject. I posted this web site [CSA FRAUD FORCED BY POLITICS?](#) and intend to make it available to the public indefinitely. I will do the same with this site. I find it more rewarding to utilize government slander and propaganda than to fight it, especially when they are deliberately wrong. This sells more units!**

**Your Comments are welcomed - Email: [iaqara@iaqara.us](mailto:iaqara@iaqara.us) Share this page with a friend.**