

Non-CO₂ Greenhouse Gases: Nitrous Oxide

Source/Sectors: Solvent and Other Product Uses

Technology: Options to reduce nitrous oxide emissions from solvent and other product uses (B.4)

Description of the Technology:

Nitrous oxide is often used with oxygen in carrier gases to administer more potent inhalation anesthetics for general anesthesia and as an anesthetic in various dental and veterinary applications. It is also commonly used as a propellant in pressure and aerosol products with pressure-packaged whipped cream as the largest application.

Nitrous oxide emissions from this sector are not included in the recent California GHG inventory report by CEC (CEC, 2006). No practical technological options for reducing nitrous oxide emissions from this sector were found from the literature search.

Effectiveness: Not applicable

Implementability: Not applicable

Reliability: Not applicable

Maturity: Not applicable

Environmental Benefits: Not applicable

Cost Effectiveness: Not applicable

Industry Acceptance Level: Not applicable

Limitations: Not applicable

Sources of Information:

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