

Section 6: Accidental Release Measures

Spill Procedure: Avoid breathing vapors. Ventilate area thoroughly.

Section 7: Handling and Storage

Handling: Contents under pressure. Use with sufficient ventilation to keep employee exposure below recommended limits.

Storage: Keep away from direct sunlight, heat, and sources of ignition. Store in a cool, dry, well-ventilated area.

Section 8: Exposure Controls

Routes of entry: Eyes, inhalation, and skin.

Ventilation: Use adequate general or local exhaust ventilation to keep airborne concentrations below exposure limits.

Personal Protection: None required.

Section 9: Physical and Chemical Properties

Physical State:	Aerosol	Odor:	Ethereal	Solubility:	0.15%	Evaporation Rate:	1 (ether=1)	
Boiling Point:	-26.2°C	Specific Gravity:	1.22	Vapor Pressure:	86 PSI @21°C	Vapor Density:	3.5 (Air=1)	pH: 7

Section 10: Stability and Reactivity

Stability: Stable at normal temperatures and pressures. Do not mix with oxygen or air above atmospheric pressure. Any source of high temperature, such as lit cigarettes, flames, or welding may yield toxic and/or corrosive decomposition products.

Conditions to avoid: Temperatures over 40°C, ignition sources, and incompatible materials.

Incompatibilities: Alkali and alkaline earth metals, powdered aluminum, zinc, magnesium, and beryllium.

Polymerization: Will not occur.

Decomposition: Decomposition products are hazardous. This material can be decomposed by high temperature (open flames, glowing metal surfaces, etc.) forming hydrofluoric acid and possibly carbonyl fluoride. These materials are toxic and irritating. Contact should be avoided.

Section 11: Toxicological Information

Sensitization: (effects of repeated exposure) No

Carcinogenicity: (risk of cancer) The ingredients of this product are not classified as being carcinogenic by ACGIH (American Conference of Governmental Industrial Hygienists) or IARC (International Agency for Research on Cancer), not regulated as carcinogens by OSHA (Occupational Safety and Health Administration), and not listed as carcinogens by NTP (National Toxicology Program)

Teratogenicity: (risk of malformation in an unborn fetus) No

Reproductive Toxicity: (risk of sterility) No

Mutagenicity: (risk of heritable genetic effects) No

Lethal Exposure Concentrations:	Ingestion (LD50):	N/e	Inhalation (LC50):	500000 ppm/4h (rat)	Skin (LD50):	N/e
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Section 12: Ecological Information

General Information: Avoid runoff into storms and sewers, which lead into waterways. Water runoff can cause environmental damage.

Environmental Impact Data: (percentage by weight)

CFC: 0 **HFC:** 100 **Cl.Solv:** 0 **VOC:** 0 **HCFC:** 0 **ODP:** 0

Section 13: Disposal Information

General Information: Dispose of in accordance with all local, provincial, state, and federal regulations. Water runoff can cause environmental damage.

Section 14: Transportation Information

Ground:

Consumer Commodity, ORM-D

Air:

Requires DOT-E 10232 Exemption Certificate with each shipment.

Link: http://hazmat.dot.gov/sp_app/special_permits/docs/10000/SP10232.pdf

Shipper must be trained and certified. Refer IATA Dangerous Goods Regulations.

Shipper name: **Aerosols, non-flammable, in Limited quantities**, ID/UN Number: **UN1950**, Hazard Class: **2.2**

Sea:

Shipper must be trained and certified. Refer to IMDG regulations.

Shipper name: **Aerosols, non-flammable, in Limited quantities**, ID/UN Number: **UN1950**, Hazard Class: **2.2**

Section 15: Regulatory Information

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by the Controlled Products Regulations.

SARA (Superfund Amendments and Reauthorization Act of 1986, USA, 40 CFR 372.4)

None of the chemicals in this product have a reportable quantity.

EPCRA (Emergency Planning and Right to Know Act, USA, 40 CFR 372.45)

This product does not contain any chemicals subject to the reporting requirements of section 313 Title III of the SARA of 1986 and 40 CFR part 372.

TSCA (Toxic Substances Control Act of 1976, USA)

All substances are TSCA listed.

CAA (Clean Air Act, USA)

This product does not contain any class 1-ozone depletors.

This product does not contain any class 2-ozone depletors.

This product does not contain any chemicals listed as hazardous air pollutants.

California Proposition 65 (Chemicals known to cause cancer or reproductive toxicity, May 1, 1997 revision, USA)

This product does not contain any chemicals listed.

Health Canada

Labeling and containers used in this product are listed in compliance with Consumer Chemicals and Container regulations.

Environment Canada

Chemicals in this product are listed on the Domestic Substances List in the Canadian Environmental Protection Act. This product does not contain any ozone depleting substances.

Industry and Science Canada

Labeling, product identity, net quantity declaration, minimum printing type size heights, and packaging of this product is in compliance with the Consumer Packaging and Labeling Act and Regulations. This product is not slack filled in accordance to chapter 4 prohibitions.



RoHS (The restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2004).

This product is RoHS compliant.

Section 16: Other Information

Definitions: N/a = not applicable, n/e = not established

Disclaimer: This material safety data sheet is provided as an information resource only. M.G. Chemicals believes the information contained herein is accurate and compiled from reliable sources. It is the responsibility of the user to verify its validity. The buyer assumes all responsibility of using and handling the product in accordance with federal, state, and local regulations.