

This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity when deciding whether to induce vomiting. Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: Because of possible disturbances of cardiac rhythm, catecholamine drugs, such as epinephrine, should be used only in situations of emergency life support.

5. FIRE FIGHTING MEASURES

Fire and/or Explosion Hazards: This product contains a component(s) that is considered a flammable liquid, which has vapors that are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, or other flames and ignition sources at locations distant from the material's handling point. Hazardous decomposition products may be formed (see Sec.10). Containers may rupture or explode under fire conditions.

Fire Fighting Instructions: Use water spray, foam, dry chemical, or CO2. Fire fighters should wear normal protective equipment and positive-pressure self-contained breathing apparatus. Apply water from a safe distance to cool container and protect surrounding area.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Remove all sources of ignition. Wear appropriate personal protective equipment (PPE). Stop or reduce discharge if it can be done safely. Avoid run-off into storm sewers and ditches which may lead to natural waterways. Clean up with absorbent material. Place absorbent materials into container and close it tightly. Dispose of container properly. Ventilate contaminated area.

7. HANDLING AND STORAGE

Handling: Do not use near ignition sources. Avoid prolonged or repeated contact with skin. Avoid prolonged or repeated breathing of vapor. Avoid contact with eyes. Wash hands thoroughly after handling. Use with adequate ventilation.

Storage: Store in a cool, dry, well ventilated area away from all sources of ignition. Empty container may contain residues which are hazardous. Freezing will affect physical condition but will not damage product. Thaw and mix before using. Do not store at temperatures above 120 degrees F. Normal precautions common to safe manufacturing practice should be followed in handling and storage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Ventilation should be adequate to prevent exposures above the limits indicated below in this section of the MSDS (from known, suspected or apparent adverse effects). Local exhaust should be used in areas where exposure limits may be exceeded. Mechanical ventilation should be used in confined spaces and low areas.

Eye Protection: Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid or airborne material. Do not wear contact lenses. Have an eye wash station available.

Skin Protection: The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with skin.

Respiratory Protection: If respiratory irritation develops below the recommended exposure limits, use an NIOSH approved nuisance dust/mist/organic vapor respirator. A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits.

COMPONENT	CAS #	ACGIH TLV	OSHA PEL	OTHER
Chlorinated hydrocarbon	156-60-5	200ppm TWA	Not established	Not established
Halogenated hydrocarbons	138495-42-8	Not established	Not established	200ppm 8hr TWA (mfr.recommend)
Propellant	124-38-9	5000 ppm	5000 ppm	Not established

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Aerosol	Lower Flammability Limit (%):	Not applicable
Appearance:	Clear Colorless	Upper Flammability Limit (%):	Not applicable
Odor:	Sweet odor	Vapor Pressure (PSIG @ 70°F):	8.83
Odor Threshold:	None	Vapor Density [air = 1]:	3.26
pH:	Not applicable	Relative Density (H2O=1):	1.23
Melting/Freezing Point (°F):	No data available	Solubility in Water:	Minimal; 1-9%
Boiling Point (°F):	No data available	Partial Coefficient: n-octanol/water:	No data available
Flash Point (°F PMCC):	Not applicable	Autoignition Temperature (°F):	Not applicable
Evaporation Rate:	<0.020 (n-Butyl acetate = 1)	Decomposition Temperature (°F):	No data available
Flammability (solid, gas):	No data available	Viscosity, dynamic (cSt):	No data available
Percent VOCs (%):	80 - 100		

10. STABILITY AND REACTION

Chemical Stability: Stable.

Conditions to Avoid: Avoid contact with: Ignition sources such as open flames, sparks, static discharges or glowing metal surfaces. Oxidizers. Caustics. Alkali. Alkaline earth metals. Powdered metals. Strong bases. Metal acetylides. Chromium. Titanium above 550° C. Uranium above 750° C.

Decomposition Products: Burning can produce the following combustion products: Hydrogen chloride. Carbon dioxide and carbon monoxide. Hydrogen fluoride. Fluorinated hydrocarbons.

11. TOXICOLOGICAL INFORMATION

Reproductive & Developmental No data available.

Toxicity:

Ingredient	CAS #	Toxicological Data
Chlorinated hydrocarbon	156-60-5	Dermal LD50 Rabbit > 5000 mg/kg No data available
Halogenated hydrocarbons	138495-42-8	Inhalation LC50 (4h) Rat = 24100 ppm Dermal LD50 Rabbit > 5000 mg/kg No data available Inhalation LC50 (4h) Rat = 11100 ppm

12. ECOLOGICAL INFORMATION

Ecological Toxicity: No data available

Mobility: No data available

Ingredient	CAS #	Toxicological Data
No data available		

13. DISPOSAL CONSIDERATIONS

Disposal : Dispose according to Federal, State and local regulations.

14. TRANSPORTATION INFORMATION

Agency	UN Number	Proper Shipping name	Hazard Class	Packing Group
DOT	UN1950	Aerosols, Non- Flammable	2.2	Not applicable
IATA	ID8000	Consumer Commodity	9	Not applicable
IMDG	UN1950	Aerosols, Non- Flammable	2.2	Not applicable

15. REGULATORY INFORMATION

Warning: This product contains the following chemicals that are subject to reporting requirements for the following regulatory bodies listed below:

COMPONENT	CAS #	% BY WEIGHT	Regulatory Body
No components listed in this section.			SARA Section 313

Warning: This product may contain chemicals known to the State of California to cause cancer. See list below.

No components listed in this section. Prop65 Cancer

Warning: This product may contain chemicals known to the State of California to cause birth defects. See list below.

No components listed in this section. Prop65 Birth Defects

All components of this product are listed on the TSCA inventory.

16. OTHER INFORMATION

Other Information : MSDS Prepared by L. Dean Swartz, MSDS Coordinator

Version Date: 06/14/15

This information contained in this MSDS is believed to be accurate as of the version date, but is not warranted to be. Since the use of this information and the conditions of use of this product are not within the control of Stoner Inc, it is the user's obligation to determine the conditions of safe use.