

Safety Data Sheet
94032 Electro Klene™

Stoner

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1. IDENTIFICATION

Stoner Incorporated
 1070 Robert Fulton Hwy.
 Quarryville, PA 17566
 1-800-227-5538

Product Name: Electro Klene™
 Product Code: 94032
 Product Use: Electronic Cleaner
 24-hour emergency phone: 1-800-424-9300 [CHEMTREC]

2. HAZARD IDENTIFICATION

POTENTIAL HEALTH EFFECTS

Classification of the chemical in accordance with paragraph (d) of §1910.1200;

GHS Hazard Symbols



GHS Classification

Gases under pressure - Liquefied Gas
 Aspiration Hazard Category 1
 Acute Toxicity - Inhalation Vapour Category 4
 Simple Asphyxiant Category 1

Signal Word

Danger

Hazard Statements

Contains gas under pressure; may explode if heated.
 May be fatal if swallowed and enters airways.
 Harmful if inhaled.
 May displace oxygen and cause rapid suffocation

Precautionary Statements

Prevention

Avoid breathing dust/fume/gas/mist/vapours/spray.
 Use only outdoors or in a well-ventilated area.

Response

IF SWALLOWED: Immediately call a POISON CENTER/doctor/...
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 Call a POISON CENTER or doctor/physician if you feel unwell.
 Do NOT induce vomiting.

Storage

Store locked up.
 Protect from sunlight. Store in a well-ventilated place.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.

3. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	CAS #	Percent
Halogenated hydrocarbon	811-97-2	1-20
Chlorinated hydrocarbon	156-60-5	1-20
Halogenated hydrocarbon	406-58-6	1-20

HMIS® III* HAZARDOUS WARNINGS:

Health: 1	Flammability: 2	Physical: 1	Personal Protective Equipment: See Section 8
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* See www.paint.org/hmis or call the NPCA at 1 (202) 462-6272 for more information on this current rating system.

4. FIRST AID MEASURES

Eyes: Immediately flush eyes gently with plenty of water for at least 15 minutes while holding eyelids apart. If symptoms persist or there is visual difficulty, seek medical attention.

Skin Contact: In case of contact, immediately wash contaminated area with plenty of water for at least 15 minutes. Seek medical attention if symptoms persist. Wash clothing before reuse.

Ingestion: Do not induce vomiting. Aspiration into the lungs can cause serious damage. Contact a physician, medical facility, or poison control center immediately.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek immediate medical attention.

NOTES TO PHYSICIAN:

Because of possible disturbances of cardiac rhythm, catecholamine drugs, such as epinephrine, should be used only in situations of emergency life support. 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:

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. Containers may rupture or explode under fire conditions. Hazardous decomposition products may be formed (see Sec.10). "Empty" containers retain product residue and can be dangerous.

Fire Fighting Instructions: Use CO₂, foam or dry chemical. Water is generally not effective and may spread fire; however, water spray may be used from a safe distance to cool closed containers and protect surrounding area. Fire fighters should wear normal protective equipment and positive-pressure self-contained breathing apparatus. Do not direct a solid stream of water or foam into hot burning pools, this may cause frothing and increase fire intensity. 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:

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. Remove all sources of ignition.

7. HANDLING AND STORAGE

Handling: Avoid prolonged or repeated breathing of vapor. Avoid prolonged or repeated contact with skin. Do not remove or deface label. Smoking while using this product can result in contamination of the tobacco and/or smoke and lead to the formation of hazardous decomposition products. Use with adequate ventilation. Do not use near ignition sources. Do not breathe vapor. May cause frostbite. Avoid contact with eyes. Wash hands thoroughly after handling.

Storage: Store in a cool, dry, well ventilated area away from all sources of ignition. Do not store at temperatures above 120 degrees F. Empty container may contain residues which are hazardous. Store away from oxygen cylinders or other oxidizing materials and possible ignition sources. Freezing will affect physical condition but will not damage product. Thaw and mix before using.

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. 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: Use NIOSH approved respirator where there is likelihood of inhalation of the product mist, spray or aerosol. A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits. If respiratory irritation develops below the recommended exposure limits, use an NIOSH approved nuisance dust/mist/organic vapor respirator.

COMPONENT	CAS #	ACGIH TLV	OSHA PEL	OTHER
Halogenated hydrocarbon	811-97-2	Not established	Not established	1000ppm (mfr. recommend)
Chlorinated hydrocarbon	156-60-5	200ppm TWA	Not established	Not established
Halogenated hydrocarbon	406-58-6	Not established	Not established	Not established

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Aerosol can	Lower Flammability Limit (%):	Not applicable
Appearance:	Clear Colorless	Upper Flammability Limit (%):	Not applicable
Odor:	Slight ethereal.	Vapor Pressure (PSIG @ 70°F):	80
Odor Threshold:	Very faint	Vapor Density [air = 1]:	>1
pH:	Not applicable	Relative Density (H ₂ O=1):	1.28
Melting/Freezing Point (°F):	No data available	Solubility in Water:	Not determined
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:	Not determined	Decomposition Temperature (°F):	No data available
Flammability (solid, gas):	No data available	Viscosity, dynamic (cSt):	No data available
Percent VOCs (%):	40 - 60		

10. STABILITY AND REACTION

Chemical Stability:	Stable.
Conditions to Avoid:	Ignition sources such as open flames, sparks, static discharges or glowing metal surfaces. Strong bases. Avoid contact with: Alkali. Alkaline earth metals. Powdered metals. Magnesium. Zinc. Chemically active metals: calcium, powdered aluminum, zinc, sodium, potassium, magnesium, etc. Oxidizers. Caustics.
Decomposition Products:	Burning can produce the following combustion products: perfluoroisobutylene (PFIB). Hydrogen fluoride. This material can be decomposed by extremely high temperatures (open flames, glowing metal surfaces, etc.) forming hydrofluoric acid and carbonyl fluoride. Hydrogen chloride. Carbon dioxide and carbon monoxide. Phosgene. Fluorinated hydrocarbons.

11. TOXICOLOGICAL INFORMATION

Reproductive & Developmental Toxicity: No data available.

Ingredient	CAS #	Toxicological Data
Halogenated hydrocarbon	811-97-2	No data available Inhalation LC50 (4h) Rat > 500000 ppm
Chlorinated hydrocarbon	156-60-5	Dermal LD50 Rabbit > 5000 mg/kg No data available Inhalation LC50 (4h) Rat = 24100 ppm
Halogenated hydrocarbon	406-58-6	No data available Inhalation LC50 (4h) Rat > 100000 ppm

12. ECOLOGICAL INFORMATION

Ecological Toxicity: This material is not expected to be harmful to the ecology.
Mobility: No data available
Degradability: No data available.

Ingredient	CAS #	Toxicological Data
Halogenated hydrocarbon	406-58-6	Aquatic LC50 (96h) GUPPIES > 200 mg/L 48HR EC50 Daphnia > 200 mg/L 72HR EC50 Algae > 114 mg/L

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

† "Limited Quantities" may be applicable for this transportation mode.

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: 10/15/15

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.