Maint Shop

Material Safety Data Sheet
94032 ElectroKlene

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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

Product Name:	ElectroKlene
Product Code:	94032
Version Date:	01/24/07
24-hour emergency phone:	1-800-424-9300 [CHEMTREC]

2. COMPOSITION /INFORMATION ON INGREDIENTS

			Exposure Limits	
COMPONENT	**CAS #**	**ACGIH TLV**	**OSHA PEL**	**OTHER**
NJ Trade Secret Registry	80100382-5086P	None established	None established	100ppm 8hr-TWA
NJ Trade Secret Registry	#80100382-5033P	None established	None established	750 ppm
Halogenated Hydrocarbon	811-97-2	None established	None established	1000ppm (mfg. recommend)

3. HAZARDS IDENTIFICATION

POTENTIAL ACUTE [single or short term] HEALTH EFFECTS OF OVEREXPOSURE

Eye : May cause eye irritation. Symptoms may include stinging, tearing, and redness.

Skin : Skin contact may cause irritation. Brief contact may cause slight irritation with itching and local redness. Liquid may cause frostbite.

Ingestion : This material can enter the lungs during swallowing or vomiting and cause lung inflammation and/or damage. Some of the inhalation effects could be expected.

Inhalation : Inhalation of high concentrations of vapor is harmful and may cause hepatitis, heart irregularities, unconsciousness or death. Intentional misuse can be fatal. Symptoms are more typically seen at air concentrations exceeding the recommended exposure limits. Symptoms of exposure may include: initial Central Nervous System excitation (euphoria, exhilaration, light-headedness) followed by CNS depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness) and other CNS effects. Confusion, impaired coordination, coma, and death. Breathing large amounts may be harmful.

POTENTIAL CHRONIC [long term] HEALTH EFFECTS OF OVEREXPOSURE:

General Effects: No chronic health effects known.

Cancer Information: THIS PRODUCT CONTAINS NO COMPONENTS LISTED AS CARCINOGENIC BY IARC, NTP, OR OSHA 1910(Z)

Mutagenicity: No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:

Individuals with preexisting diseases of the central nervous or cardiovascular system may have increased susceptibility to the toxicity of excessive exposures.

HAZARDOUS WARNINGS HMIS:

Health: 3 Flammability: 1 Reactivity: 1 Personal Protective Equipment See Section 8

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. Remove contaminated clothing. Seek medical attention if symptoms persist. Wash clothing before reuse.

Ingestion: Do not induce vomiting. Aspiration into the lungs can cause serious damage. Seek medical attention immediately.

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

NOTES TO PHYSICIAN:

This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity when deciding whether to induce vomiting. This material (or a component) has produced hyperglycemia and ketosis following substantial ingestion. Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: skin, lung (for example, asthma-like conditions), liver, kidney, blood-forming system. lung (for example, asthma-like conditions); skin; 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: Containers may rupture or explode under fire conditions. Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, other flames and ignition sources at locations distant from material handling point. Gas is not flammable at ambient temperatures and atmospheric pressure. However, this material may become combustible when mixed with oxygen or air under pressure or air above atmospheric pressure.

Fire Fighting Instructions: Use alcohol foam, water fog, dry chemical, or CO2. Fire fighters should wear normal protective equipment and positive-pressure self-contained breathing apparatus.

Aerosol Flame Projection Test: Non-flammable aerosol, as determined by ASTM D 3065-94.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Wear appropriate personal protective equipment (PPE). Clean up with absorbent material. Place absorbent materials into container and close it tightly. Dispose of container properly. Ventilate contaminated area. Stop or reduce discharge if it can be done safely. Avoid run-off into storm sewers and ditches which may lead to natural waterways. 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 pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode and cause injury or death. 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.

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.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Ventilation should be adequate to prevent exposures above the limits indicated in "Section 2" of this MSDS (from known, suspected or apparent adverse effects).

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. None required for well ventilated situations. 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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Aerosol can	Vapor Density:	[air = 1] 6.78
Appearance:	Clear Colorless	Evaporation Rate:	0.1-0.5 (n-Butyl acetate = 1)
Odor:	Slight ethereal.	Solubility in Water:	Negligible; 0-1%
Specific Gravity:	1.5 @ 70 deg F	Boiling Point:	-15.7 deg F
Vapor Pressure:	280 mmHg @ 70 deg F	pH:	Not applicable

10. STABILITY AND REACTIVITY

Chemical Stability: Stable. Do not mix with oxygen or air above atmospheric pressure. Any source of high temperature [>250 C], may form hydrofluoric acid and possibly carbonyl fluoride decomposition products.

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. Freshly abraded aluminum surfaces. Powdered metals.

Decomposition Products: Decomposition of a component(s) in this product at temperatures above 300° C can form hydrogen fluoride, but it will only accumulate with continuous exposure to excess heat in a sealed vessel. 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.

11. DISPOSAL CONSIDERATIONS

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

12. TRANSPORTATION INFORMATION

DOT Name:	Consumer commodity	UN Number:	Not applicable
IATA Name:	Consumer commodity	Hazardous Class:	ORM-D 9 (IATA only)
		Packing Group:	Not applicable

13. 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.

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 Incorporated, it is the user's obligation to determine the conditions of safe use.