Safety Data Sheet
94072 Flux Remover

1. IDENTIFICATION

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

Product Name:	Flux Remover
Product Code:	94072
Product Use:	Flux Remover
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 - Liquified Gas
Serious Eye Damage/Eye Irritation Category 2A
Hazardous to the aquatic environment - Acute Category 3
Simple Asphyxiant Category 1

Signal Word

Warning

Hazard Statements

Contains gas under pressure; may explode if heated.
Causes serious eye irritation.
Harmful to aquatic life.
May displace oxygen and cause rapid suffocation

Precautionary Statements

Prevention

Wash thoroughly after handling.
Avoid release to the environment.
Wear protective gloves/protective clothing/eye protection/face protection.

Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.

Storage

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
NJ Trade Secret Registry	#80100382-5152P	60 - 80
Halogenated hydrocarbon	811-97-2	1-20
Dimethyl carbinol	67-63-0	1-20

HMIS® III* HAZARDOUS WARNINGS:

Health:	2	Flammability:	2	Physical:	0	Personal Protective Equipment:	See Section 8

* 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. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs.
Inhalation:	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek immediate medical attention. Keep the victim warm and quiet.

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: skin; lung (for example, asthma-like conditions); kidney; liver;

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 CO2, foam or dry chemical. Fire fighters should wear normal protective equipment and positive-pressure self-contained breathing apparatus. Avoid breathing the products and substances that may result from the thermal decomposition of the product or other substances in the fire zone. 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.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
Ventilate contaminated area. 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. Remove all sources of ignition. If runoff occurs, notify authorities as required.

7. HANDLING AND STORAGE

Handling:	Use with adequate ventilation. Avoid prolonged or repeated contact with skin. Avoid prolonged or repeated breathing of vapor. Do not use near ignition sources. Do not breathe vapor. May cause frostbite. If ventilation is not sufficient, wear proper respiratory equipment. Do not store containers in excessive heat or direct sunlight. Protect container against physical damage. Normal precautions common to safe manufacturing practice should be followed in handling and storage.
Storage:	Store in a cool, dry, well ventilated area away from all sources of ignition. Store away from heat and direct sunlight. 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 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.
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:	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.

COMPONENT	CAS #	ACGIH TLV	OSHA PEL	OTHER
NJ Trade Secret Registry	#80100382-5152P	Not established	Not established	800 ppm (mfr. recommend)
Halogenated hydrocarbon	811-97-2	Not established	Not established	1000ppm (mfr. recommend)
Dimethyl carbinol	67-63-0	200 ppm	Not established	200 ppm 8 hr TWA

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Aerosol can	Lower Flammability Limit (%):	Not applicable
Appearance:	Clear Colorless	Upper Flammability Limit (%):	Not applicable
Odor:	Characteristic	Vapor Pressure (PSIG @ 70°F):	80
Odor Threshold:	Mild	Vapor Density [air = 1]:	2.93
pH:	Not applicable	Relative Density (H2O=1):	1.04
Melting/Freezing Point (°F):	-130 -150	Solubility in Water:	Negligible; 0-1%
Boiling Point (°F):	No data available	Partial Coefficient: n-octanol/water:	2.2
Flash Point (°F PMCC):	Not applicable	Autoignition Temperature (°F):	716
Evaporation Rate:	0.5-2 (n-Butyl acetate = 1)	Decomposition Temperature (°F):	482
Flammability (solid, gas):	No data available	Viscosity, dynamic (cSt):	No data available
Percent VOCs (%):	1-20		

10. STABILITY AND REACTION

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:	Avoid contact with: Sparks, open flame, other ignition sources, and elevated temperatures. Can form a combustible mixture with air at pressures above atmospheric pressure. Do not mix with oxygen or air above atmospheric pressure. Ignition sources such as open flames, sparks, static discharges or glowing metal surfaces. Alkali. Alkaline earth metals. Freshly abraded aluminum surfaces. Powdered metals. Magnesium. Zinc. Chemically active metals: calcium, powdered aluminum, zinc, sodium, potassium, magnesium, etc. Acetaldehyde. Acids. Chlorine. Ethylene oxide. Isocyanates. Strong oxidizing agents.
Decomposition Products:	Burning can produce the following combustion products: Carbon dioxide and carbon monoxide. Hydrogen chloride. Hydrogen Chloride. Carbonyl halides. This material can be decomposed by extremely high temperatures (open flames, glowing metal surfaces, etc.) forming hydrofluoric acid and carbonyl fluoride.

11. TOXICOLOGICAL INFORMATION

Dermal Toxicity:	Not irritating to skin.
Inhalation Toxicity:	High concentrations may cause central nervous system depression resulting in headaches, dizziness and nausea; continued inhalation may result in unconsciousness and/or death.
Reproductive & Developmental Toxicity:	No data available.

Ingredient	CAS #	Toxicological Data
NJ Trade Secret Registry	#80100382-5152P	No data available Inhalation LC50 (4h) Rat 120000 ppm
Halogenated hydrocarbon	811-97-2	No data available Inhalation LC50 (4h) Rat > 500000 ppm
Dimethyl carbinol	67-63-0	Dermal LD50 Rabbit = 12870 mg/kg Oral LD50 Rabbit = 5030 mg/kg Inhalation LC50 (8h) Rat = 51 mg/L

12. ECOLOGICAL INFORMATION

Ecological Toxicity:	Presents little or no hazard to the aquatic environment.
Mobility:	No data available This material (or one of its components), dissolves in water. If it enters the soil, it will be highly mobile and may contaminate ground water.
Degradability:	Not considered biodegradable; 100% volatile.

Ingredient	CAS #	Toxicological Data
NJ Trade Secret Registry	#80100382-5152P	Aquatic LC50 (96h) Rainbow Trout 38 mg/L 48HR EC50 Daphnia 82 mg/L 72HR EC50 Algae 106.7 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: 06/12/15

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.