

Material Safety Data Sheet

A677 Heavy Duty Rust Preventive

Stoner

Copying and/or downloading of this information for the purpose of properly utilizing Stoner Inc. product is allowed provided that: (1) the information is copied in full with no changes unless prior agreement is obtained from Stoner Inc., & (2) neither the copy nor the original is resold or otherwise distributed with intention of earning profit thereon.

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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

Product Name: Heavy Duty Rust Preventive
Product Code: A677
Version Date: 04/02/09
24-hour emergency phone: 1-800-424-9300 [CHEMTREC]

2. COMPOSITION / INFORMATION ON INGREDIENTS

| COMPONENT | CAS # | ACGIH TLV | Exposure Limits | |
|------------------------|-------------|--------------------|-----------------|-----------------|
| | | | OSHA PEL | OTHER |
| Aliphatic hydrocarbon | 142-82-5 | 400 ppm | 400 ppm | 500 ppm |
| Hydrocarbon oil | Mixture | Not established | Not established | Not established |
| Ether propellant | 115-10-6 | Not established | Not established | Not established |
| Hydrocarbon propellant | 68-476-86-8 | 800 ppm | Not established | Not established |
| Petroleum hydrocarbon | 64741-89-5 | 5 mg/m3 (oil mist) | Not established | Not established |

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. May cause frostbite and irritation.

Skin : Skin contact may cause irritation. Symptoms may include redness, discomfort, drying and cracking, or rash. Passage of this material into the body through the skin is possible, but it is unlikely that this would result in harmful effects during safe handling and use. Liquid may cause frostbite.

Ingestion : Swallowing small amounts during handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. This material can enter the lungs during swallowing or vomiting and cause lung inflammation and/or damage. May cause irritation of the digestive tract with stomach pain, heartburn, nausea, vomiting or diarrhea. Frostbite of the lips and mouth may result from contact with the liquid. If swallowed symptoms may include: Gastrointestinal irritation (such as nausea, vomiting, and diarrhea).

Inhalation : Breathing small amounts during handling is not likely to cause harmful effects. Breathing large amounts may be harmful. 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, such as confusion, impaired coordination, coma, and death. Inhalation may cause irritation of the upper respiratory passages. Inhalation of concentrations above the recommended limits may cause temporary central nervous system depression with anesthetic effects such as dizziness, headache, incoordination, and loss of consciousness. Exposure to high concentrations can cause irregular heartbeat, cardiac arrest and death. May cause nausea, vomiting, coughing and pulmonary irritation.

POTENTIAL CHRONIC [long term] HEALTH EFFECTS OF OVEREXPOSURE:

General Effects: Chronic exposure; dizziness, weakness, peripheral numbness and nervousness. Overexposure to this material (or its components) has been suggested as a cause of the following effects in laboratory animals: effects on hearing.

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.

HMS® III* HAZARDOUS WARNINGS:

Health: 1 Flammability: 3 Physical: 1 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. Seek medical attention if symptoms persist. Wash clothing before reuse. For liquid contact, treat for frostbite if necessary.

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. Have victim drink 8 to 10 ounces of water to dilute the material in the stomach.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek immediate 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. 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. 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; central nervous system; auditory system; arrhythmias (irregular heartbeats);

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. This product contains a component(s) that is considered an extremely flammable gas(es), 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. "Empty" containers retain product residue and can be dangerous. 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. 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. Do not direct a solid stream of water or foam into hot burning pools, this may cause frothing and increase fire intensity.

Aerosol Flame Projection Test: Extremely flammable aerosol, as determined by ASTM D 3065-94. Do not use near ignition sources such as sparks or open flames.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Ventilate contaminated area. 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. If runoff occurs, notify authorities as required. Clean up with absorbent material. Place absorbent materials into container and close it tightly. Dispose of container properly.

7. HANDLING AND STORAGE

Handling: Do not use near ignition sources. Normal precautions common to safe manufacturing practice should be followed in handling and storage. This material can be harmful or irritating. Avoid prolonged or repeated contact with skin. Avoid prolonged or repeated breathing of vapor. Use with adequate ventilation. 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.

Storage: Store in a cool, dry, well ventilated area away from all sources of ignition. Empty container may contain residues which are hazardous. Normal precautions common to safe manufacturing practice should be followed in handling and storage. Do not store at temperatures above 120 degrees F. Store away from oxygen cylinders or other oxidizing materials and possible ignition sources. Ground all equipment and cylinders before use. Store away from incompatible materials such as materials that support combustion (oxidizing materials) and corrosive materials (strong acids or bases).

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). Local exhaust should be used in areas where exposure limits may be exceeded. Ventilation is required to maintain operator exposure below published exposure limits.

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: A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits. Use NIOSH approved respirator where there is likelihood of inhalation of the product mist, spray or aerosol.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|-------------------|---------------------------|----------------------|-----------------------------|
| Physical State: | Aerosol can | Vapor Density: | [air = 1] 2.17 |
| Appearance: | Clear Dark Amber | Evaporation Rate: | 0.5-2 (n-Butyl acetate = 1) |
| Odor: | Petroleum | Solubility in Water: | Negligible; 0-1% |
| Specific Gravity: | 0.74 (H ₂ O=1) | Boiling Point: | Not applicable°F |
| Vapor Pressure: | 57.00 PSIG @ 70°F | pH: | Not applicable |

10. STABILITY AND REACTIVITY

Chemical Stability: Stable.

Conditions to Avoid: Avoid contact with: Ignition sources such as open flames, sparks, static discharges or glowing metal surfaces. Strong oxidizing agents. Sparks, open flame, other ignition sources, and elevated temperatures. Oxidizers. Acetic acids Organic acid anhydrides. Powdered metals. Open flames and high temperatures.

Decomposition Products: Burning can produce the following combustion products: Carbon dioxide and carbon monoxide. Various hydrocarbons. Aldehydes. If heated with peroxides present, violent decomposition can occur. Carbon Monoxide.

11. DISPOSAL CONSIDERATIONS

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

12. TRANSPORTATION INFORMATION

| Agency | Proper Shipping name | UN Number | Hazard Class | Packing Group |
|--------|----------------------|----------------|--------------|----------------|
| DOT | Consumer commodity | Not applicable | ORM-D | Not applicable |
| IATA | Consumer commodity | Not applicable | 9 | 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 Inc, it is the user's obligation to determine the conditions of safe use.