

Material Safety Data Sheet

45-211 Mold Lubricant

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Myers Tire Supply
1293 S. Main Street
Akron, OH 44301
1 (330) 253-5592

Product Name: Mold Lubricant
Product Code: 45-211
Version Date: 09/13/10
24-hour emergency phone: 1-800-424-9300 [CHEMTREC]

2. COMPOSITION / INFORMATION ON INGREDIENTS

| COMPONENT | CAS # | ACGIH TLV | Exposure Limits | |
|--------------------------|-----------------|-----------------|-----------------|-----------------|
| | | | OSHA PEL | OTHER |
| Water | 7732-18-5 | Not established | Not established | Not established |
| NJ Trade Secret Registry | #80100382-5036P | Not established | Not established | Not established |
| Surfactant | Mixture | Not established | Not established | Not established |
| Surfactant | Mixture | Not established | Not established | Not established |

3. HAZARDS IDENTIFICATION

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

Eye : May cause moderate to severe irritation, experienced as discomfort or pain, excess blinking and tearing, with excess redness and swelling of the conjunctiva. Corneal injury may occur.

Skin : Causes irritation with discomfort, local redness, and possible swelling. May be absorbed through the skin in harmful amounts.

Ingestion : Irritating to mouth, throat, and stomach. Can cause abdominal discomfort, nausea, vomiting and diarrhea.

Inhalation : Short-term harmful health effects are not expected from vapor generated at ambient temperature.

POTENTIAL CHRONIC [long term] HEALTH EFFECTS OF OVEREXPOSURE:

General Effects: Prolonged or repeated exposure can cause drying, defatting, and dermatitis of the skin.

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:

Skin contact may aggravate an existing dermatitis.

HMS® III* HAZARDOUS WARNINGS:

Health: 2 Flammability: 1 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. Seek medical attention if symptoms persist. Wash clothing before reuse.

Ingestion: Do not induce vomiting.

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

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. Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: skin; lung (for example, asthma-like conditions);

5. FIRE FIGHTING MEASURES

Fire and/or Explosion Hazards: Product is a water base material and is not ignitable. Hazardous decomposition products may be formed (see Sec. 10). In extreme fire conditions this material may present a floating fire hazard.

Fire Fighting Instructions: Use water spray, foam, dry chemical, or CO₂. 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.

Flash Point: None°F PMCC None°C PMCC

Lower Flammability Limit: 0 %

Upper Flammability Limit: 0 %

Autoignition Temperature: No data available

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. Remove all sources of ignition.

7. HANDLING AND STORAGE

Handling: Normal precautions common to safe manufacturing practice should be followed in handling and storage. Avoid prolonged or repeated contact with skin. Use with adequate ventilation. Avoid contact with eyes. Wash hands thoroughly after handling.

Storage: Keep container tightly closed when not in use. Store in a cool, dry, well ventilated area away from all sources of ignition. 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 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. |
| 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. The use of safety glasses with side shields is recommended if there is any probability of liquid contact with the eyes. |
| Skin Protection: | The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with skin. The use of Polyvinyl chloride coated gloves is recommended. |
| Respiratory Protection: | No respiratory protection required under normal conditions of use. Use NIOSH approved respirator where there is likelihood of inhalation of the product mist, spray or aerosol. |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|-------------------|---------------------------|----------------------|-------------------------------|
| Physical State: | Bulk liquid | Vapor Density: | [air = 1] 1.04 |
| Appearance: | Milky White | Evaporation Rate: | 0.1-0.5 (n-Butyl acetate = 1) |
| Odor: | Mild | Solubility in Water: | Complete; 100% |
| Specific Gravity: | 0.98 (H ₂ O=1) | Boiling Point: | 212°F |
| Vapor Pressure: | .36 PSIG @ 70°F | pH: | Not applicable |

10. STABILITY AND REACTIVITY

| | |
|-------------------------|---|
| Chemical Stability: | Stable. |
| Conditions to Avoid: | Avoid contact with: Strong bases. Strong acids. Strong oxidizing agents. Materials reactive with hydroxyl compounds. Open flames and high temperatures. |
| Decomposition Products: | Burning can produce the following combustion products: Carbon dioxide and 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 | Not regulated by agency | | | |
| IATA | Not regulated by agency | | | |

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 Myers Tire Supply, it is the user's obligation to determine the conditions of safe use.