

# Safety Data Sheet

## 45-211 Mold Lubricant

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### 1. IDENTIFICATION

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

Product Name: Mold Lubricant  
Product Code: 45-211  
Product Use: Mold Release  
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** Serious Eye Damage/Eye Irritation Category 1

**Signal Word** Danger

**Hazard Statements** Causes serious eye damage.

#### Precautionary Statements

**Prevention** 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.  
P310 - Immediately call a poison center, doctor or medical center.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| <u>COMPONENT</u> | <u>CAS #</u> | <u>Percent</u> |
|------------------|--------------|----------------|
| Surfactant       | Mixture      | 1-20           |
| Surfactant       | Mixture      | 1-20           |

#### HMIS® III\* HAZARDOUS WARNINGS:

|           |                 |             |                                |               |
|-----------|-----------------|-------------|--------------------------------|---------------|
| Health: 2 | Flammability: 1 | Physical: 0 | Personal Protective Equipment: | See Section 8 |
|-----------|-----------------|-------------|--------------------------------|---------------|

\* See [www.paint.org/hmis](http://www.paint.org/hmis) or call the ACA 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:** Contact a physician, medical facility, or poison control center for advice on whether to induce vomiting. Never give anything by mouth if victim is rapidly losing consciousness or is unconscious or convulsing.

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

#### NOTES TO PHYSICIAN:

There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

## 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 CO<sub>2</sub>. 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.

## 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 below in this section of the SDS (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. 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. The use of Polyvinyl chloride coated gloves is recommended.

Respiratory Protection: Use NIOSH approved respirator where there is likelihood of inhalation of the product mist, spray or aerosol.

| <u>COMPONENT</u> | <u>CAS #</u> | <u>ACGIH TLV</u> | <u>OSHA PEL</u> | <u>OTHER</u>    |
|------------------|--------------|------------------|-----------------|-----------------|
| Surfactant       | Mixture      | Not established  | Not established | Not established |
| Surfactant       | Mixture      | Not established  | Not established | Not established |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                              |                   |  |                       |
|------------------------------|-------------------|--|-----------------------|
| Physical State:              | Bulk liquid       | Lower Flammability Limit (%):          | Not applicable        |
| Appearance:                  | Milky White       | Upper Flammability Limit (%):          | Not applicable        |
| Odor:                        | Odorless          | Vapor Pressure (PSIG @ 70°F):          | No data available     |
| Odor Threshold:              | None              | Vapor Density [air = 1]:               | ~ 1.0                 |
| pH:                          | Not applicable    | Relative Density (H <sub>2</sub> O=1): | 0.98                  |
| Melting/Freezing Point (°F): | No data available | Solubility in Water:                   | Dispersible in water. |
| Boiling Point (°F):          | 212.0             | Partial Coefficient: n-octanol/water:  | No data available     |
| Flash Point (°F PMCC):       | 609.8             | 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 (%):            | < 0.0001          |  |                       |

## 10. STABILITY AND REACTION

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. When heated to temperatures above 150°C in the presence of air, one of the ingredients in this product can form formaldehyde vapors. Formaldehyde vapor is harmful by inhalation; irritating to eyes; sensitizer to the respiratory system; an acute toxicant and a potential cancer hazard at concentrations greater than 0.75 ppm.

## 11. TOXICOLOGICAL INFORMATION

Reproductive & Developmental Toxicity: No data available.

IARC Carcinogen Designation: No data available

| <u>Ingredient</u> | <u>CAS #</u> | <u>Toxicological Data</u> |
|-------------------|--------------|---------------------------|
| Surfactant        | Mixture      |                           |
| Surfactant        | Mixture      |                           |

## 12. ECOLOGICAL INFORMATION

Ecological Toxicity: This material is not expected to be harmful to the ecology.

Mobility: No data available

| Ingredient                                    | CAS #           | Toxicological Data  |
|---|-----------------|---|
| Dimethyl siloxane, trimethylsiloxy-terminated | #80100382-5036P | No data available<br>48HR EC50 Daphnia > 200 mg/L   |
| Surfactant                                    | Mixture         | No data available<br>Aquatic LC50 (96h) MINNOW 3.4 mg/L<br>48HR EC50 Daphnia 4.01 mg/L                                  |
| Surfactant                                    | Mixture         | No data available<br>Aquatic LC50 (96h) MINNOW 3.4 mg/L<br>48HR EC50 Daphnia 4.01 mg/L<br>IC50-16HR Bacteria > 750 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    |           | Not regulated by agency |              |               |
| IATA   |           | Not regulated by agency |              |               |
| IMDG   |           | Not regulated by agency |              |               |

**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 |

**Toxic Substances Control Act**

All components of this product are listed on the TSCA inventory.

**California Prop 65**

This product contains no California Proposition 65 ingredients that cause cancer, birth defects or other reproductive harm.

**16. OTHER INFORMATION**

Other Information : SDS Prepared by L. Dean Swartz, SDS Coordinator

Version Date: 07/11/18

**This information contained in this SDS 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.**