

SDS no. 10358  
Version 6  
Revision date 26/Feb/2015  
Supersedes date 04/Aug/2010



## Safety Data Sheet LUBE-167†

### 1. Identification

#### 1.1 Product identifier

Product name LUBE-167†  
Product code 10358

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Recommended Use Lubricant.  
Uses advised against Consumer use

#### 1.3 Details of the supplier of the safety data sheet

Supplier  
M-I L.L.C.

P.O.Box 42842  
Houston, TX 77242  
www.miswaco.slb.com  
Telephone: 1 281-561-1511

Prepared by  
Global Regulatory Compliance - Chemicals (GRC - Chemicals) , Mike McDowell

#### 1.4 Emergency Telephone Number

Emergency telephone (24 Hour) Australia +61 2801 44558, Asia Pacific +65 3158 1074, China +86 10 5100 3039, Europe +44 (0) 1235 239 670, Middle East and Africa +44 (0) 1235 239 671, New Zealand +64 9929 1483, USA 001 281 561 1600



### 2. Hazards identification

#### 2.1 Classification of the substance or mixture

##### GHS - Classification

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

---

<b>Health hazards</b>	Not classified
<b>Environmental hazards</b>	Not classified
<b>Physical Hazards</b>	Not classified

## **2.2 Label elements**

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

### **Hazard statements**

This product is not classified as hazardous therefore no (H) hazard statements assigned.

### **Precautionary statements**

This product is not classified as hazardous therefore has no (P) precautionary statements assigned.

-

**Unknown acute toxicity** 0% of the mixture consists of ingredient(s) of unknown toxicity.

## **3. Composition/information on Ingredients**

### **3.1 Substances**

Not Applicable

### **3.2 Mixtures**

Not Applicable

### **Comments**

No classified ingredients, or those having occupational exposure limits, present above the level of disclosure.

## **4. First aid measures**

### **4.1 First-Aid Measures**

<b>Inhalation</b>	If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.
<b>Ingestion</b>	Rinse mouth. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur.
<b>Skin contact</b>	Wash skin thoroughly with soap and water. Get medical attention if irritation persists.
<b>Eye contact</b>	Remove contact lenses. Promptly wash eyes with lots of water while lifting eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

### **4.2 Most important symptoms and effects, both acute and delayed**

#### **Main symptoms**

<b>Inhalation</b>	Please see Section 11. Toxicological Information for further information.
<b>Ingestion</b>	Please see Section 11. Toxicological Information for further information.

**Skin contact** Please see Section 11. Toxicological Information for further information.

**Eye contact** Please see Section 11. Toxicological Information for further information.

**4.3 Indication of any immediate medical attention and special treatment needed**

**Notes to physician** Treat symptomatically

**5. Fire-fighting measures**

**5.1 Extinguishing media**

**Suitable extinguishing media**

Use extinguishing media appropriate for surrounding material.

**Extinguishing media which shall not be used for safety reasons**

None known.

**5.2 Special hazards arising from the substance or mixture**

**Unusual fire and explosion hazards**

None known.

**Hazardous combustion products**

Carbon oxides (COx), Aldehydes, Ketones.

**5.3 Advice for firefighters**

**Special protective equipment for fire-fighters**

As in any fire, wear self-contained breathing apparatus and full protective gear.

**Special Fire-Fighting Procedures**

Containers close to fire should be removed immediately or cooled with water.

**6. Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. See also section 8.

**6.2 Environmental precautions**

The product should not be allowed to enter drains, water courses or the soil.

**Environmental exposure controls**

Avoid release to the environment.

**6.3 Methods and materials for containment and cleaning up**

**Methods for containment**

Prevent further leakage or spillage if safe to do so. Dike far ahead of liquid spill for later disposal.

**Methods for cleaning up**

Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. After cleaning, flush away traces with water.

**6.4 Reference to other sections**

See section 13 for more information.

**7. Handling and storage**

**7.1 Precautions for safe handling**

**Handling**

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes. Do not breathe vapors or spray mist. Avoid spills and splashing during use.

**7.2 Conditions for safe storage, including any incompatibilities**

**Technical measures/precautions**      Ensure adequate ventilation. Keep airborne concentrations below exposure limits.

**Storage precautions**                      Keep containers tightly closed in a dry, cool and well-ventilated place.

**Packaging material**                      Use specially constructed containers only.

**8. Exposure controls/personal protection**

**8.1 Control parameters**

**Exposure limits**                              **The product does not contain any hazardous materials with occupational exposure limits established.**

**8.2 Exposure controls**

All chemical Personal Protective Equipment (PPE) should be selected based on an assessment of both the chemical hazard present and the risk of exposure to those hazards. The PPE recommendations below are based on an assessment of the chemical hazards associated with this product. Where this product is used in a mixture with other products or fluids, additional hazards may be created and as such further assessment of risk may be required. The risk of exposure and need of respiratory protection will vary from workplace to workplace and should be assessed by the user in each situation.

**Engineering measures to reduce exposure**

Ensure adequate ventilation.

**Personal protective equipment**

- Eye protection**                              It is good practice to wear goggles when handling any chemical. Tightly fitting safety goggles.
- Hand protection**                              Wear chemical resistant gloves such as nitrile or neoprene.
- Respiratory protection**                      No personal respiratory protective equipment normally required, In case of insufficient ventilation wear suitable respiratory equipment.
- Skin and body protection**                      Wear suitable protective clothing, Provide eyewash station.
- Hygiene measures**                              Wash hands before eating, drinking or smoking, Remove and wash contaminated clothing before re-use.

**9. Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

**Physical state**                                      Liquid  
**Appearance**                                      Opaque

**Color** Brown  
**Odor** Mild  
**Odor threshold** Not applicable

<u>Property</u>	<u>Values</u>	<u>Remarks</u>
<b>pH</b>	Not applicable	
<b>pH @ dilution</b>	8.8 - 9.2 @ 1%	
<b>Melting/freezing point</b>	No information available	
<b>Boiling point/range</b>	No information available	
<b>Flash point</b>	> 116 °C / 240 °F	PMCC
<b>Evaporation rate (BuAc =1)</b>	No information available	
<b>Flammability (solid, gas)</b>	Not Applicable	
<b>Flammability Limits in Air</b>		
<b>Upper flammability limit</b>	No information available	
<b>Lower flammability limit</b>	No information available	
<b>Vapor pressure</b>	No information available	
<b>Vapor density</b>	No information available	
<b>Specific gravity</b>	0.965 - 1.005 @23.8°C	
<b>Bulk density</b>	No information available	
<b>Water solubility</b>	Dispersible	
<b>Solubility in other solvents</b>	No information available	
<b>Autoignition temperature</b>	No information available	
<b>Decomposition temperature</b>	No information available	
<b>Kinematic viscosity</b>	No information available	
<b>Dynamic viscosity</b>	No information available	
<b>Log Pow</b>	No information available	
<b>Explosive properties</b>	No information available	
<b>Oxidizing properties</b>	No information available	
<b><u>9.2 Other information</u></b>		
<b>Pour point</b>	No information available	
<b>Molecular weight</b>	No information available	
<b>VOC content(%)</b>	No information available	
<b>Density</b>	No information available	

## 10. Stability and reactivity

### 10.1 Reactivity

No specific reactivity hazards associated with this product.

### 10.2 Chemical stability

Stable under normal temperature conditions and recommended use.

### 10.3 Possibility of Hazardous Reactions

#### **Hazardous polymerization**

Hazardous polymerization does not occur.

### 10.4 Conditions to avoid

None known.

### 10.5 Incompatible materials

Strong oxidizing agents.

**10.6 Hazardous decomposition products**

Carbon oxides (COx). Aldehydes. Ketones.

**11. Toxicological information**

**11.1 Information on toxicological effects**

**Acute toxicity**

<b>Inhalation</b>	Inhalation of vapors in high concentration may cause irritation of respiratory system.
<b>Eye contact</b>	May cause slight irritation.
<b>Skin contact</b>	Prolonged contact may cause redness and irritation.
<b>Ingestion</b>	Ingestion may cause stomach discomfort.

**Sensitization** This product does not contain any components suspected to be sensitizing.

**Mutagenic effects** No evidence of mutagenic properties.

**Carcinogenicity** No evidence of carcinogenic properties.

**Reproductive toxicity** No evidence of toxicity to reproduction.

**Developmental toxicity** Not known to cause birth defects or have a deleterious effect on a developing fetus.

**Routes of exposure** Eye contact. Skin contact. Inhalation.

**Routes of entry** No route of entry noted.

**Specific target organ toxicity (single exposure)** Not classified

**Specific target organ toxicity (repeated exposure)** Not classified.

**Neurological effects** None known.

**Target organ effects** None known.

**Aspiration hazard** Not Applicable.

**12. Ecological information**

**12.1 Toxicity**

**Toxicity to algae**

See component information below.

**Toxicity to fish**

See component information below.

**Toxicity to daphnia and other aquatic invertebrates**

See component information below.

**12.2 Persistence and degradability**

No product level data available.

**12.3 Bioaccumulative potential**

No data available.

**12.4 Mobility in soil**

No information available.

**12.5 Results of PBT and vPvB assessment**

This preparation contains no substance considered to be persistent, bioaccumulating nor toxic (PBT)  
This preparation contains no substance considered to be very persistent nor very bioaccumulating (vPvB)

**12.6 Other adverse effects.**

None known.

**13. Disposal considerations**

**13.1 Waste treatment methods**

**Disposal Method** Disposal should be made in accordance with federal, state and local regulations.  
**Contaminated packaging** Empty containers should be taken for local recycling, recovery or waste disposal.

**14. Transport information**

**14.1 UN Number**

<b>UN No. (DOT)</b>	Not regulated
<b>UN No. (TDG)</b>	Not regulated
<b>UN/ID No. (ADR/RID/ADN/ADG)</b>	Not regulated
<b>UN No. (IMDG)</b>	Not regulated
<b>UN No. (ICAO)</b>	Not regulated

**14.2 Proper shipping name**

Not regulated for transportation by DOT, TDG, IMDG and ICAO/IATA.

**14.3 Hazard class(es)**

<b>DOT Hazard class</b>	Not regulated
<b>TDG Hazard class</b>	Not regulated
<b>ADR/RID/ADN/ADG Hazard class</b>	Not regulated
<b>IMDG Hazard class</b>	Not regulated
<b>ICAO Hazard class/division</b>	Not regulated

**14.4 Packing group**

<b>DOT Packing group</b>	Not regulated
<b>TDG Packing group</b>	Not regulated
<b>ADR/RID/ADN/ADG Packing group</b>	Not regulated
<b>IMDG Packing group</b>	Not regulated
<b>ICAO Packing group</b>	Not regulated

**14.5 Environmental hazard**

Marine pollutant	No
------------------	----

**14.6 Special precautions**

Not Applicable

**15. Regulatory information**

**International inventories**

<b>USA (TSCA)</b>	Complies
<b>Canada (DSL)</b>	Complies
<b>European Union (EINECS and ELINCS)</b>	Does not Comply
<b>Philippines (PICCS)</b>	Complies
<b>Japan (ENCS)</b>	Does not Comply
<b>China (IECSC)</b>	Complies
<b>Australia (AICS)</b>	Complies
<b>Korean (KECL)</b>	Complies
<b>New Zealand (NZIoC)</b>	Complies

**IMPORTS, Canada**

No import volume restrictions.

**U.S. Federal and State Regulations**

**SARA 311/312 Hazard Categories**

Not a SARA 311/312 hazard.

**State Comments**

Proposition 65: This product is not known to contain chemicals considered by the State of California's Safe Drinking Water and Toxic Enforcement Act of 1986 as causing cancer and/or reproductive toxicity at levels that are expected to pose a significant risk under anticipated use conditions.

**16. Other information**

<b>Supersedes date</b>	04/Aug/2010
<b>Revision date</b>	26/Feb/2015
<b>Version</b>	6



---

**The following sections have been revised** All sections. Updated according to GHS/CLP.

**HMIS classification**

Health	0
Flammability	1
Physical hazard	0
PPE	E

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.