

# Ultimate Grease

## Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations



### SECTION 1: IDENTIFICATION OF PRODUCT/COMPANY/SUPPLIER

#### 1.1 Product identifiers

**Product name:** Ultimate Grease

#### 1.2 Relevant identified uses of the product and restrictions on use

**Recommended uses:** Lubricating grease for high temperature and load

**Restrictions on use:** For Industrial and Professional Use

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

**Company name:** Opti-Lube Inc.  
**Address:** 1646 W Business Park Drive, Suite B  
**City/State/Zip:** Orem, UT 84058, USA  
**Website:** [www.opti-lube.com](http://www.opti-lube.com)  
**Phone number:** 801-491-3717

#### 1.4 Emergency response number

**Hazmat Line:** +1 656 208 0809

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 GHS Hazard classification/statements according to [29 CFR 1910.1200](#) (OSHA):

The product is not hazardous under the Globally Harmonized System (GHS) criteria or OSHA Hazard Communication Standard (29 CFR 1910.1200).

#### 2.2 GHS Label Elements according to [29 CFR 1910.1200](#) (OSHA):

**Pictogram:** Not Applicable

**Signal word:** Caution

#### 2.3 GHS Precautionary Statements according to [29 CFR 1910.1200](#) (OSHA):

**P280:** Wear protective gloves/protective clothing/eye protection/face protection.

**P302+P352:** IF ON SKIN: Wash with plenty of soap and water.

**P332+P313:** If skin irritation occurs: Get medical advice/attention.

**P305+P351+P338:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.

**P337+P313:** If eye irritation persists: Get medical advice/attention.

**P403+P233:** Store in a well-ventilated place. Keep container tightly closed.

**P501:** Dispose of contents/container in accordance with local, state, and federal regulations.

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### 2.4 Other Hazards

Even though this material is not considered dangerous by the OSHA standard 29 CFR 1910.1200, this SDS contains valuable information for the handling and adequate use of the product. This SDS must be kept and shall be available for the product users.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Not applicable.

### 3.2 Mixtures

Chemical Name	CAS Number	Concentration
Mineral Base Oil	64742-65-0	75-98%
Additive Package + Thickener	Proprietary	2-25%

\*The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret. There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of First Aid Measures

**General:** When administering first aid, ensure that you are wearing the appropriate personal protective equipment according to the incident, injury, and surroundings.

**If Inhaled:** Not expected to be a health hazard if used under normal conditions. Under normal conditions of intended use, this material is not expected to be an inhalation hazard. If some symptoms exist, remove to fresh air. If not breathing, give artificial respiration. Get medical attention.

**If Swallowed:** In general, no treatment is necessary unless large quantities are swallowed; however, it's advisable to seek medical attention. Do not induce vomiting unless directed by medical personnel. Do not give anything by mouth by an unconscious person.

**Eye contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do. Get medical attention if irritation develops and persists.

**Skin contact:** Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical attention if irritation develops and persists.

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

Effects on the central nervous system include drowsiness or dizziness, headache, nausea, and vomiting. Direct contact with the eye may cause temporary irritation.

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

Provide general supportive measures and treat symptomatically.

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### SECTION 5: FIREFIGHTING MEASURES

#### 5.1 Extinguishing media

**Suitable methods:** Water Spray (fog), dry chemical, foam, or carbon dioxide, sand to extinguish flames.

**Unsuitable methods:** Water stream may splash burning liquid and spread fire.

#### 5.2 Specific hazards arising from the substance/mixture

Hazardous combustion products may include a complex mixture of airborne solid and liquid particulates and gases (smoke), carbon monoxide, and unidentified inorganic and organic compounds.

#### 5.3 Special protective equipment and precautions for firefighters

Proper protective equipment include chemical resistant gloves to be worn, chemical resistant suit is recommended when large contact with the spill product is expected. A self-contained breathing apparatus (SCBA) must be worn when approaching a fire in a confined area. Select the firefighters' clothing approved by the relevant standard.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Fully encapsulating, vapor protective clothing should be worn for spills and leaks with no fire. Do not touch or walk through the spill area. Do not touch a damaged container or spilled material unless wearing appropriate protective clothing/equipment. Ventilate the closed area.

#### 6.2 Environmental precautions

Use appropriate measures for containment of spilled material to the environment. Prevent from entering/spreading to the drain, water, river, and ditches by using sand, earth, floor dryers or other appropriate barriers.

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

Isolate the spill/leak area in all directions for about 50 meters (150 ft) for liquids and about 25 meters (75 ft.) for solids and semi-solids. Eliminate all ignition sources (no smoking, flares, sparks, or flames in close vicinity). Keep unauthorized persons away and ventilate closed spaces before entering.

Shovel into a suitable properly marked container for disposal or reclamation in accordance with local regulations. For waste disposal, see Section 13 of this SDS.

### SECTION 7: HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

Avoid prolonged and repeated contact with skin. Avoid inhaling the vapors/ mist. When handling the drums, kegs, pails, etc., proper safety shoes, and other protective clothes, safety glasses, etc., should be worn. Dispose of any contaminated rags/material as per prevailing local allowable practices. Keep containers in closely tight, cool, and well-ventilated areas.

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### 7.2 Conditions for safe storage, including any compatibilities

Keep containers tightly close, well-ventilated areas but covered, avoiding contact with rain or other water ingress possibilities. Keep the storage place cool preferably <50°C. Higher temperature may create pressure buildup inside container and chances of container busting or leakage may occur under aggravated conditions. Keep away from other oxidizing and incompatible materials.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Exposure Controls

#### Occupational exposure limit values:

Chemical Name	Source	Value
Mineral Base Oil	ACGIH	TWA: 5.0 mg/m <sup>3</sup>

**Engineering controls:** Adequate ventilation systems may be needed to control concentrations of airborne contaminants above permissible threshold applicable limits.

### 8.2 Personal Protective Equipment



**Hand protection:** Wear appropriate chemical-resistant gloves.

**Eye/Face protection:** Wear safety glasses with side shields (or goggles).

**Skin and body protection:** Wear suitable protective clothing.

**Respiratory protection:** In case of insufficient ventilation, use suitable respiratory equipment.

**Hygiene measures:** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

<b>Appearance:</b>	Semi-Solid, Translucent, Bright, Smooth
<b>Color:</b>	Amber
<b>Odor:</b>	Slightly Hydrocarbon
<b>Odor Threshold:</b>	Not determined
<b>pH</b>	Not determined
<b>Melting Point:</b>	Not determined
<b>Boiling Point:</b>	Not determined
<b>Flash Point:</b>	Not determined
<b>Auto-ignition Temperature:</b>	Not determined
<b>Upper/Lower Explosive Limits:</b>	Not determined
<b>Vapor Pressure:</b>	Not determined
<b>Evaporation Rate:</b>	Not determined

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<b>Flammability (Solid, Gas):</b>	Not determined
<b>Specific Gravity:</b>	0.87 g/mL (7.5 lbs/gal)
<b>Solubility in Water:</b>	Not determined
<b>Partition Coefficient (n-octanol/water):</b>	Not determined
<b>Decomposition Temperature:</b>	Not determined
<b>Viscosity</b>	Not determined

### SECTION 10: STABILITY AND REACTIVITY

#### 10.1 Reactivity

No reactivity is expected under normal conditions of intended use. However, under high temperature or adverse operating conditions thermal / chemical decomposition of the product may be possible.

#### 10.2 Chemical stability

No hazardous reaction is expected under normal conditions of temperature and pressure.

#### 10.3 Possibility of Hazardous Reactions

Hazardous polymerization is not expected. Reacts with strong oxidizing agents.

#### 10.4 Conditions to avoid

Extreme temperature and direct sunlight / heat / flame.

#### 10.5 Incompatible materials

Strong oxidizing agents.

#### 10.6 Hazardous decomposition products

Hazardous decomposition is not expected to form under normal conditions of storage.

### SECTION 11: TOXICOLOGICAL INFORMATION

#### 11.1 Information on toxicological effects

**Acute oral toxicity:** Expected to be low toxicity; LD 50 (rat) > 5000 mg/kg (literature).

**Acute dermal toxicity:** Expected to be low toxicity; LD 50 (rat) > 3000 mg/kg (literature).

**Skin corrosion/irritation:** Expected to be slightly irritating. Prolonged/repeated contact with skin without adequate cleaning may clog the pores of the skin, may result disorder such as oil acne/folliculitis.

**Serious eye damage/irritation:** Not classified based on available information.

**Respiratory/Skin sensitization:** Not classified based on available information.

**Germ cell mutagenicity:** No data is available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity:** Not considered to be carcinogenic.

**Reproductive toxicity:** Not classified based on available information.

**Specific target organ toxicity - single exposure:** Not classified based on available information.

**Specific target organ toxicity - repeated exposure:** Not classified based on available information.

**Aspiration hazard:** Not classified based on available information.

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### SECTION 12: ECOLOGICAL INFORMATION

#### 12.1 Ecotoxicity

Available information regarding ecotoxicity states that side effects are not expected in aquatic organisms. Always keep oil contained to avoid water source, sewer, and drain pollution.

#### 12.2 Persistence and Degradability

Expected to be not readily biodegradable.

#### 12.3 Bioaccumulative potential

May contain component that bioaccumulate.

#### 12.4 Mobility in soil

Product is semi-solid in nature in most conditions and may absorb to soil and may not be mobile. It floats on water.

#### 12.5 Other adverse effects

Product contain the components that have been classified non- volatile in nature and therefore not expected to release to environment in significant quantities.

### SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1 Waste Treatment Methods

**Waste Disposal:** Try to minimize the product waste by using best applicable practices. It is the responsibility of the waste generator to evaluate the waste classification and appropriate disposal methodology in accordance with the applicable regulations.

**Contaminated Packaging:** Do not dispose into environment, in drain or in river/ponds/water reservoirs. To be disposed in accordance with local prevailing and allowable regulations.

### SECTION 14: TRANSPORT INFORMATION

#### 14.1 Transport information

**UN Number:** Not classified as hazardous product for land, sea, and air transport.

**UN Proper Shipping Name:** Not classified as hazardous product for land, sea, and air transport.

**Transport Hazard Class:** Not classified as hazardous product for land, sea, and air transport.

**Packing Group:** Not classified as hazardous product for land, sea, and air transport.

**Marine Pollutant:** Not known.

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### SECTION 15: REGULATORY INFORMATION

#### 15.1 Safety, health, and environment regulations/legislation specific for substance or mixture

**US Federal Regulations:** This product is not considered hazardous as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**Toxic Substance Control Act (TSCA) Inventory:** All substances are listed.

**Comprehensive Response Compensation and Liability Act (CERCLA):** Not regulated.

**SARA 302/304 Emergency Planning & Notification:** Not regulated.

**SARA 311/312 Hazard:** See Section 2 of this SDS for GHS hazards associated with this product.

**SARA 313 (TRI Reporting):** Not regulated.

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List:** Not regulated.

**Clean Water Act (CWA) 311:** Not regulated.

#### **California Safe Drinking Water and Toxic Enforcement Act (Proposition 65):**

This product does not contain any chemical known by state of California to cause cancer and/or birth defects. For more information, go to [\(Proposition 65 List of Chemicals\)](#).

### SECTION 16: OTHER INFORMATION

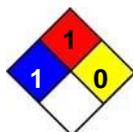
#### 16.1 General information

**Revision Date:** 25-Feb-2026

**Previous Revision:** 11-Aug-2020

**Version number:** 2.0

**National Fire Protection Association (NFPA) Rating:**



#### 16.2 Full Text of Abbreviations

CAS – Chemical Abstract Service

GHS – Globally Harmonized System

CFR – Code of Federal Regulations

OSHA – Occupational Safety and Health Administration

NIOSH – The National Institute for Occupational Safety and Health

ACGIH – American Conference of Governmental Industrial Hygienists

TWA – Time Weighted Average

UN – United Nations

DOT – Department of Transportation

TRI – Toxic Release Inventory

SARA – Superfunds Amendments and Reauthorization Act

SDS – Safety Data Sheet

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### 16.3 Disclaimer

The information on this SDS is based on data that is considered to be accurate. Opti-Lube Inc., however, makes no guarantees or warranties, either expressed or implied, of the accuracy or completeness of this information. The conditions or methods of handling, storage, use, and disposal of the products are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with the handling, storage, use, or disposal of this product. This SDS was prepared and is to be used for this product. If the product is used as a component in another product, this SDS information may not be applicable.