

## LYMAN PRODUCTS

### SAFETY DATA SHEET

Safety Data Sheet (conforms to Regulation (EC) 1907/2006, Regulation (EC) 1272/2008 and Regulation (EC) 2015/830), US 29CFR1910.1200, Canada Hazardous Products Regulation

Date Issued: 11/16/15  
Date Revised: None  
Revision Number: New SDS

#### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

##### 1.1 Product Identifier

**Trade Name:** Orange Magic Lube  
**Product Number:** 2857286

##### 1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

**Product Use:** Lubricant

**Restrictions on Use:** None known

##### 1.3 Details of the Supplier of the Safety Data Sheet

**Manufacturer:** Lyman Products  
475 Smith Street  
Middletown, CT 06457 USA  
**Information Phone Number:** (860) 632-2020  
**E-mail:**

##### 1.4 Emergency Telephone Number

**Emergency Spill Information:** For Hazardous Materials [or Dangerous Goods] Incident  
Spill, Leak, Fire, Exposure, or Accident  
Call CHEMTREC Day or Night  
Within USA and Canada: 1-800-424-9300 or  
+1 703-527-3887 (collect calls accepted)

#### SECTION 2: HAZARDS IDENTIFICATION

##### 2.1 Classification of the Substance or Mixture

**US Hazard Classification (29CFR 1910.1200-2012):** This product is not classified as hazardous in accordance with the OSHA Hazard Communication Standard.

##### **GHS/CLP (1272/2008) Classification:**

This product does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.

##### 2.2 Label Elements:

US: None Required.

EU: Contains orange terpenes. May produce an allergic reaction.

##### 2.3 Other Hazards: None

#### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

##### 3.2 Mixture

Chemical Name	CAS#	EINECS#	GHS/CLP Classification	% w/w
Non-hazardous wax	Proprietary	Proprietary	Not Hazardous	>99
Orange Terpenes	5989-27-5	227-813-5	Flammable Liquid Category 3 (H226) Skin Irritation Category 2 (H315) Skin Sensitization Category 1B (H317)	<0.1

			Aspiration Toxicity Category 1 (H304) Aquatic Acute Toxicity Category 1 (H400) Aquatic Chronic Toxicity Category 1 (H410)	
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The exact percentage and composition is a trade secret.

#### SECTION 4: FIRST AID MEASURES

##### 4.1 Description of First Aid Measures

**Eye:** Flush victim's eyes with water, while holding the eyelids apart. Get medical attention if irritation persists. If product is hot, flush eyes with large quantities of water, while holding the eyes lids apart. Get immediate medical attention.

**Skin:** Wash skin with soap and water. If product is molten, cool skin with large amounts of water. Do not remove material bonded to the skin. Do not apply salves or ointment. Get immediate medical attention. Launder clothing before re-use.

**Inhalation:** In solid form, no adverse effects are expected. If vapors or fumes from molten material are inhaled and irritation or symptoms occur, remove victim to fresh air. If breathing is difficult have qualified personnel administer oxygen. If breathing has stopped, administer artificial respiration. Get medical attention if irritation or symptoms occur.

**Ingestion:** If small quantities are swallowed, rinse out mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious or drowsy person. If large amounts are swallowed or if irritation or discomfort occurs, get medical attention.

**4.2 Most Important symptoms and effects, both acute and delayed:** Vapors or fumes from molten material may cause eye and respiratory tract irritation. Contact with molten product may cause thermal burns. May elicit an allergic skin reaction in already sensitized individuals.

**4.3 Indication of any immediate medical attention and special treatment needed:** Immediate first aid should not be needed.

#### SECTION 5: FIRE AND EXPLOSION DATA

**5.1 Extinguishing Media:** Dry chemical, alcohol foam or carbon dioxide are recommended.

##### 5.2 Special Hazards Arising from the Substance or Mixture

**Unusual Fire and Explosion Hazards:** Contact with molten product may cause thermal burns.

**Combustion Products:** Oxides of carbon and nitrogen.

##### 5.3 Advice for Fire-Fighters:

**Special Fire Fighting Procedures:** Wear an approved, positive pressure, self-contained breathing apparatus and full protective clothing for all fires involving chemicals.

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

##### 6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Avoid prolonged contact with skin, eyes or clothing. Prevent contact if molten.

##### 6.2 Environmental Precautions:

Avoid release to the environment. Report spills and releases as required to appropriate authorities.

##### 6.3 Methods and Material for Containment and Cleaning Up:

At ambient temperatures, pick up material and place into a container for disposal. If molten, allow material to solidify and cool. Pick up or scrape up and place into a container for disposal.

**6.4 Reference to Other Sections:** Refer to Section 8 for personal protective equipment and Section 13 for disposal information.

#### SECTION 7: HANDLING AND STORAGE

**7.1 Precautions for Safe Handling:** Avoid contact with molten material. Avoid breathing vapors or fumes. Wear protective clothing and equipment as described in Section 8. Use only with adequate ventilation.

Empty containers retain product residues and contaminants that can be hazardous. Follow all SDS precautions when handling empty containers.

**7.2 Conditions for Safe Storage, Including any Incompatibilities:** Store in a container in a dry, well-ventilated location away from heat, direct sunlight and all sources of ignition.

**7.3 Specific end use(s):** None specified

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**8.1 Control Parameters:** Refer to country-specific legislation for specific requirements where not listed below.

Chemical Name	Exposure Limits
Non-hazardous wax	None Established
Orange Terpenes	5 ppm TWA DFG MAK, 20 ppm STEL

### 8.2 Exposure Controls:

**Appropriate Engineering Controls:** General exhaust ventilation should be adequate to maintain exposures below the occupational exposure limits.

**Respiratory Protection:** None required for normal use. If needed, an approved respirator may be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.

**Skin Protection:** Impervious gloves are recommended if needed to avoid prolonged contact.

**Eye Protection:** Safety goggles recommended where eye contact is possible.

**Other Protective Equipment:** None should be needed under normal use conditions.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic Physical and Chemical Properties

<b>Appearance:</b> White or yellow solid at room temperature	<b>Vapor Density:</b> No data available
<b>Odor:</b> Faint odor	<b>Specific Gravity:</b> 0.96 g/ml @ 20°C (68°F)
<b>Odor Threshold:</b> No data available	<b>Solubility:</b> Insoluble in water. Soluble in organic solvents when warmed
<b>pH:</b> Not applicable	<b>Octanol/Water Partition Coefficient:</b> No data available
<b>Melting Point/Freezing Point:</b> No data available	<b>Autoignition Temperature:</b> No data available
<b>Boiling Point:</b> No data available	<b>Decomposition Temperature:</b> No data available
<b>Flash Point:</b> 400°C (752°F)	<b>Viscosity:</b> Not applicable
<b>Evaporation Rate:</b> No data available	<b>Explosive Properties:</b> Not explosive
<b>Flammable Limits:</b> LEL: No data available UEL: No data available	<b>Oxidizing Properties:</b> Not an oxidizer
<b>Vapor Pressure:</b> No data available	<b>Flammability (solid, gas):</b> Not applicable

**9.2 Other Information:** None available

## SECTION 10: STABILITY AND REACTIVITY

**10.1 Reactivity:** Not reactive under regular storage and handling conditions.

**10.2 Chemical Stability:** Stable under regular storage and handling conditions.

**10.3 Possibility of Hazardous Reactions:** None known.

**10.4 Conditions to Avoid:** Avoid extreme heat and direct sunlight.

**10.5 Incompatible Materials:** Strong oxidizers.

**10.6 Hazardous Decomposition Products:** Oxides of carbon and nitrogen.

<b>SECTION 11: TOXICOLOGICAL INFORMATION</b>
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**11.1 Information on Toxicological Effects:****Potential Health Effects:**

**Eye Contact:** Dust from processing may cause mechanical irritation. Vapors or fumes may cause eye irritation with redness and tearing. Contact with molten product may cause thermal burns.

**Skin Contact:** Contact with molten product may cause thermal burns. May elicit an allergic reaction in already sensitized individuals.

**Inhalation:** Inhalation of vapors or fumes may cause irritation of the eyes, nose and upper respiratory tract. Symptoms include coughing, sneezing and difficulty in breathing.

**Ingestion:** Small amounts are not anticipated to cause adverse effects. Large quantities may cause gastrointestinal disturbances.

**Acute Toxicity Values:**

Non-hazardous wax: No data available.

Orange Terpenes: Oral rat LD50: 4400 mg/kg, dermal rabbit LD50 > 5000 mg/kg

**Skin corrosion/irritation:** No data available for mixture. Product is not classified as a skin irritant.

**Eye damage/irritation:** No data available for mixture. Product is not classified as an eye irritant.

**Respiratory Irritation:** No data available for mixture. Product is not classified as a respiratory irritant.

**Respiratory Sensitization:** No data available for mixture. Product is not classified as a respiratory sensitizer.

**Skin Sensitization:** Orange terpenes may elicit an allergic reaction in already sensitized individuals.

**Germ Cell Mutagenicity:** No data available for mixture. Product is not classified as a germ cell mutagen.

**Carcinogenicity:** None of the components of this product present at 0.1% or greater are listed as carcinogens by OSHA, IARC, NTP, ACGIH and the EU CLP.

**Reproductive Toxicity:** No data available for mixture. Product is not classified as a reproductive toxin.

**Aspiration Hazard:** No data available for mixture. Product is not classified as an aspiration hazard.

**Specific Target Organ Toxicity:**

Single Exposure: No data available

Repeat Exposure: No data available.

<b>SECTION 12: ECOLOGICAL INFORMATION</b>
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**12.1 Toxicity**

Orange Terpenes: Pimephales promelas LC50: 0.619 – 0.796 mg/L/96 hr

**12.2 Persistence and Degradability:** Readily biodegradable.

**12.3 Bioaccumulative Potential:** No data available.

**12.4 Mobility in Soil:** No data available.

**12.5 Results of PBT and vPvB Assessment:** Not required.

**12.6 Other Adverse Effects:** None known.

<b>SECTION 13: DISPOSAL CONSIDERATIONS</b>
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**13.1 Waste Treatment Methods:**

Dispose in accordance with all local, state and national regulations.

<b>SECTION 14: TRANSPORTATION INFORMATION</b>
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	14.1 UN Number	14.2 UN Proper Shipping Name	14.3 Hazard Class(s)	14.4 Packing Group	14.5 Environmental Hazards
<b>US DOT</b>	None	Not regulated	N/A	N/A	None
<b>Canadian TDG</b>	None	Not regulated	N/A	N/A	None
<b>EU ADR/RID</b>	None	Not regulated	N/A	N/A	None
<b>IMDG</b>	None	Not regulated	N/A	N/A	None
<b>IATA/ICAO</b>	None	Not regulated	N/A	N/A	None

**14.6 Special Precautions for User:** Not applicable

**14.7 Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code:** Not applicable

<b>SECTION 15: REGULATORY INFORMATION</b>
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**15.1 Safety, Health and Environment Regulations/Legislation Specific for the Substance or Mixture:****U.S. FEDERAL REGULATIONS:**

**CERCLA 103 Reportable Quantity:** This product is not subject to reporting under CERCLA. Some states have more stringent reporting requirements. Report all spills in accordance with local, state, and federal regulations.

**SARA TITLE III:**

**Hazard Category for Section 311/312:** Not Hazardous

**Section 313 Toxic Chemicals:** This product contains the following chemicals subject to SARA Title III Section 313 Reporting requirements: None

**Section 302 Extremely Hazardous Substances (TPQ):** None

**EPA Toxic Substances Control Act (TSCA) Status:** All of the components of this product are listed on TSCA.

**German WGK:** 1

<b>SECTION 16: OTHER INFORMATION</b>
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**HMIS Ratings:** Health - 0

Flammability - 0

Physical Hazard - 0

**NFPA Ratings:** Health - 0

Flammability - 0

Stability - 0

**Date of Current Revision:** 11/16/15

**Revision Summary:** New document.

**Date of Previous:** Revision: None

**GHS Classification for Reference (See Sections 2 and 3):**

H226 Flammable liquid and vapor.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H400 Very toxic to aquatic life

H410 Very toxic to aquatic life with long lasting effects.

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This above information is believed to be correct but does not propose to be all inclusive and shall be used only as a guide. Lyman Products shall not be held liable for any damage resulting from handling or from contact with the above product.