

LYMAN PRODUCTS

SAFETY DATA SHEET

Safety Data Sheet (in compliance with Regulation (EC) 1907/2006, Regulation (EC) 1272/2008 and Regulation (EC) 2015/830), US 29CFR1910.1200,

Date Issued: 04/07/17
Date Revised: None
Revision Number: New SDS

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

1.1 Product Identifier

Trade Name Anti-Rust Oil
Product Number 04036 / 04037

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

Product Use: Anti-Rust Oil
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): Aspiration Hazard Category 1

GHS/CLP (1272/2008) Classification: Aspiration Hazard Category 1 (H304)

2.2 Label Elements

Danger!



Contains: Petroleum Distillates

Hazard Statements	Precautionary Phrases
H304 May be fatal if swallowed and enters airways	P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor. P331 Do NOT induce vomiting. P405 Store locked up. P501 Dispose of contents and container in accordance with local, regional and national regulations.

2.3 Other Hazards: None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS
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3.2 Mixture

Chemical Name	CAS#	EINECS#	GHS/CLP Classification	% w/w
Mineral oil	8042-47-5	232-455-8	Aspiration Hazard Category 1 (H304)	70 - 75
Sulfonic acids, petroleum, sodium salts	68608-26-4	271-781-5	Eye Irritation Category 2A (H319)	5 - <10

The exact percentage and composition is a trade secret

SECTION 4: FIRST AID MEASURES

4.1 Description of First Aid Measures

Eye: Flush eyes thoroughly with water. Get medical attention if irritation occurs and persists.

Skin: If irritation occurs, wash contact area with soap and water. Get medical attention if irritation or symptoms of exposure develop and persist.

Inhalation: Remove to fresh air. If irritation occurs and persists, get medical attention.

Ingestion: DO NOT induce vomiting. If the victim is fully conscious, have them rinse their mouth with water. Get medical assistance by calling a doctor or poison center. Never give anything by mouth to a person who is unconscious or drowsy.

4.2 Most Important symptoms and effects, both acute and delayed: Aspiration hazard – may enter the lungs during swallowing or vomiting and cause serious lung damage, which may be fatal. Ingestion may also cause gastrointestinal effects such as nausea, vomiting and diarrhea. May cause mild eye, skin and respiratory irritation.

4.3 Indication of any immediate medical attention and special treatment needed: Immediate medical attention required if ingested.

SECTION 5: FIRE AND EXPLOSION DATA

5.1 Extinguishing Media: Dry chemical, foam, carbon dioxide and water fog are recommended. Do not use water jet as an extinguisher, as it will spread the fire.

5.2 Special Hazards Arising from the Substance or Mixture

Unusual Fire and Explosion Hazards: Not classified as flammable or combustible but will burn under fire conditions.

Combustion Products: Thermal decomposition or combustion may generate acrid smoke, and oxides of carbon.

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:

Seek to ensure ventilation that minimizes exposure and maintains exposure below occupational exposure limits. Keep unprotected persons away. Avoid contact with skin, eyes, and clothing. Wear suitable protective equipment as required.

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:

Collect spilled material in suitable containers for recovery or disposal. In the case of disposal, spilled material or contaminated material should be disposed of as waste as described in Section 13.

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: Wash thoroughly after handling. Wash contaminated clothing before reuse. Use with good industrial hygiene practice. Wear appropriate personal protective equipment.

7.2 Conditions for Safe Storage, Including any Incompatibilities: Store in a dry area away from incompatible materials.

7.3 Specific end use(s): Anti-Rust Oil

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
Mineral oil	5 mg/m ³ TWA ACGIH TLV (Inhalable)
	5 mg/m ³ TWA OSHA PEL (as oil mist)
	5 mg/m ³ TWA, 20 mg/m ³ STEL DFG MAKs
Sulfonic acids, petroleum, sodium salts	None established

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. For operations where exposure limits may be exceeded, 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

Appearance: Yellowish-brown liquid	Vapor Density: No data available
Odor: Fat grease	Specific Gravity: 0.85
Odor Threshold: No data available	Solubility: Insoluble
pH: Not applicable	Octanol/Water Partition Coefficient: No data available
Melting Point/Freezing Point: -0.4 to -5.8°F (-18 to -21°C)	Autoignition Temperature: 572°F (300°C)
Boiling Point: 554-626°F (290-330°C)	Decomposition Temperature: No data available
Flash Point: 424.4-431.6°F (218-222°C)	Viscosity: 3.2 cst @ 40°C
Evaporation Rate: No data available	Explosive Properties: Not explosive
Flammable Limits: LEL: 7% UEL: 19%	Oxidizing Properties: Not an oxidizer
Vapor Pressure: No data available	Flammability (solid, gas): 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: Temperatures above the flash point of this material in combination with sparks, open flames, or other sources of ignition.

10.5 Incompatible Materials: Strong oxidizing agents.

10.6 Hazardous Decomposition Products: Carbon monoxide, smoke, carbon monoxide, and other petroleum decomposition products in the case of incomplete combustion.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects:

Potential Health Effects:

Eye Contact: Contact may cause mild eye irritation.

Skin Contact: No adverse effects expected.

Inhalation: Inhalation of mist or vapor may cause mild respiratory irritation.

Ingestion: Aspiration hazard. May be aspirated into the lungs during swallowing or vomiting and cause severe lung damage. May cause intestinal discomfort which may result in nausea and diarrhea.

Acute Toxicity Values:

Mineral oil: Oral rat LD50 > 5000 mg/kg, inhalation rat LC50 > 5 mg/L/ 4hr., dermal rabbit LD50 > 2000 mg/kg

Sulfonic acids, petroleum, sodium salts: Oral rat LD50 > 5000 mg/kg, inhalation rat LC50 > 1.9 mg/L / 4 hr., 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: Product is not classified as an eye irritant but contains sulfonic acids, petroleum, sodium salts which is an eye irritant.

Respiratory Irritation: Product is not classified as a respiratory irritant but may cause minor respiratory irritation.

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

Skin Sensitization: No data available for mixture. Product is not classified as a skin sensitizer.

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: Product is classified as an aspiration hazard.

Specific Target Organ Toxicity:

Single Exposure: No data available

Repeat Exposure: No data available.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity:

Mineral oil: *Oncorhynchus mykiss* LL50: > 100 mg/L/96 hr.; *Daphnia magna* LL50: > 100 mg/L/48 hr.

Sulfonic acids, petroleum, sodium salts: Sheepshead minnow LL50: > 10,000 mg/L/96 hr.

12.2 Persistence and Degradability:

Mineral oil: 31.13% in 28 days.

Sulfonic acids, petroleum, sodium salts: degraded by >60% within 28 days

12.3 Bioaccumulative Potential:

Sulfonic acids, petroleum, sodium salts: Not expected to bio-accumulate.

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

SECTION 13: DISPOSAL CONSIDERATIONS
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13.1 Waste Treatment Methods:

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

SECTION 14: TRANSPORTATION INFORMATION

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

SECTION 15: REGULATORY INFORMATION

15.1 Safety, Health and Environment Regulations/Legislation Specific for the Substance or Mixture:

U.S. FEDERAL REGULATIONS:

CERCLA 103 Reportable Quantity: This product has no RQ subject to reporting under CERCLA. However, oil spills must be reported to the National Response Center. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

SARA TITLE III:

Hazard Category for Section 311/312: Classified as per OSHA HAZCOM 2012 GHS in Section 2 of this SDS.

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.

STATE REGULATIONS:

California Proposition 65: This product does not contain substances known to the State of California to cause cancer, birth defects or other reproductive harm.

INTERNATIONAL REGULATIONS:

Canadian Environmental Protection Act: All of the components are listed on the Canadian Domestic Substances List.

European Union: All of the components are listed on the European Inventory of New and Existing Chemical Substances (EINECS) inventory.

Australia: All of the ingredients of this product are listed on the Australian Inventory of Chemical Substances (AICS).

China: All of the ingredients of this product are listed on the Inventory of Existing Chemical Substance in China (IECSC).

Korea: All of the components of this product are listed on the Korean Existing Chemical List (KECL).

Japan: All of the components of this product are listed on the Japanese Existing and New Chemical Substances List (ENCS).

Philippines: All of the components of this product are listed on the Philippines (PICCS).

German WGK: 1

SECTION 16: OTHER INFORMATION

HMIS Ratings: Health - 1	Flammability - 1	Physical Hazard - 0
NFPA Ratings: Health - 1	Flammability - 1	Instability - 0

Date of Current Revision: 4/07/17
Revision Summary: New document.
Date of Previous Revision: None

GHS Classification for Reference (See Sections 2 and 3):
H304 May be fatal if swallowed and enters airways
H319 Causes serious eye irritation.

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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.