



Safety Data Sheet

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PetroForge 1136

QUICK IDENTIFIER (In Plant Common Name)

1 - IDENTIFICATION	
Domestic Trade Name (used on label) PetroForge 1136 PRODUCT CLASS: Oil based lubricant	HAZARD RATING Flammability Health 1, Flammability 1, Reactivity 0 WHMIS Class: 2B
Export Trade Name	PetroForge 1136
Product Class	Oil based lubricant
Chemical Family	Hydrocarbon Mixture
Formula	N/A Mixture
Original Date Prepared: 01/16	
Revision A	
Prepared by: Dean	

2 - HAZARD IDENTIFICATION	
Warning: May cause slight eye irritation. Long term exposure to dust/mist above allowable TLV/TWA concentrations is not recommended. Long term exposure may lead to chronic lung damage.	Protective Measures: Avoid contact with the eyes. Use in well ventilated areas. Avoid breathing dust / mist. Wear protective dust/mist masks if dust/mist concentrations warrant their use.

3 - COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS			
INGREDIENT OR TSN#	CAS #	WEIGHT PERCENT	THRESHOLD LIMIT VALUE (UNITS)
Light Petroleum Hydrocarbon	64742-52-5	10.0% - 40.0%	Not Established



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4 – EMERGENCY AND FIRST AID MEASURES

1. Inhalation

Remove people affected to fresh air. Obtain medical attention if necessary.

2. Eyes

Flush eyes immediately with plenty of water for 15 minutes; consult a physician.

3. Skin

Wash with warm, soapy water. Wash contaminated clothing before re-use

4. Ingestion

Do NOT induce vomiting. Obtain medical attention immediately.

5 – FIRE FIGHTING MEASURES

Flash Point	Flammable Limits in Air as mist (% by Volume)	Lower	Upper	Extinguisher Media	Auto-Ignition Temperature
350 - 450°F	N/D - mixture	N/D	N/D	Halon, CO ₂ , dry chemical, foam, water spray, Water Fog	> 600° F

Special Fire Fighting Procedures

For fires do not enter any enclosed or confined fire space without a self-contained breathing apparatus to protect against the hazardous effects of normal combustion or oxygen deficiency in full turnout gear.

Treat as an OSHA Class 3B combustible liquid fire.

Unusual Fire and Explosion Hazards

Do not use forced steam as this may cause the fire to spread.

6 – ACCIDENTAL RELEASE MEASURES

RELEASE RESPONSE

1. Contain the spill to prevent possible contamination to local sewer systems or watersheds.
2. Stop source of leak.
3. Pump spilled material into salvage container.
4. Soak up remaining material with absorbent such as sand, clay or OIL-Dry.
5. This material is Non-Hazardous.
6. Dispose of contaminated released material in accordance with all federal, state, and local laws.
7. Regard release as an 'oil-spill' and respond accordingly.

PERSONAL PROTECTIVE EQUIPMENT

Wear an MSHA/NIOSH approved air-purifying particulate filter respirator approved for use against respirable dust. Wear rubber gloves. Wear eye protection.

7 – HANDLING AND STORAGE

Precautions to be taken in Handling and Storage.

Store away from OPEN FLAMES. Do not store at temperature above 140° Fahrenheit. Keep containers closed until used.

Other Precautions

Do not pressurize, cut, weld, braze, drill, grind, or heat empty containers as some flammable, hazardous or combustible residue may be present. Avoid breathing mist. For industrial use only.



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8 – EXPOSURE CONTROL INFORMATION				
OCCUPATIONAL EXPOSURE LIMITS				
SEE SECTION 2 FOR EXPOSURE LIMITS				
Respiratory Protection (Specify Type) NIOSH approved DM mask for a dust/mist environment. Individual plant air quality monitoring may be required to determine the appropriate NIOSH respiratory protection given different individual dust/mist concentrations. Consult NIOSH handbook for other recommendations depending on individual plant environments.				
Ventilation is Recommended	Local Exhaust is Recommended	Mechanical (General) Recommended	Special -----	Other -----
Protective Gloves Should be worn to limit skin exposure; must be hydrocarbon resistant		Eye Protection Safety goggles or face shield should be worn at all times during use and handling.		
Other Protective Clothing or Equipment Local Eye Wash. Local emergency shower. Normal work apparel (Cotton recommended). Rubber apron.				

9 – PROPERTIES		
Boiling Point Unknown	Specific Gravity (H₂O=1) 0.80 – 1.00	Vapor Pressure (mmHg) Unknown
Percent Volatile by Volume N/A	Vapor Density (Air = 1) >1	Evaporation Rate (Ether = 1) <<1
Solubility in Water Insoluble		Acid Value = 0 - 10 mg 0.1 M KOH
Appearance and Odor Light tan / yellowish oil with characteristic petroleum odor.		

10 – REACTIVITY INFORMATION		
Stability	Unstable <input type="checkbox"/> Stable <input checked="" type="checkbox"/>	Conditions To Avoid N/A
Hazardous Decomposition Products Normal thermal decomposition by-products of a hydrocarbon, i.e. CO, CO ₂ , H ₂ O.		
Incompatibility (Materials to Avoid) Avoid contact with strong acids, strong bases and strong oxidizers.		
Hazardous Polymerization Will Not Occur	Conditions to avoid Do not store in temperatures above 140°Fahrenheit	



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11 – HEALTH / TOXICITY INFORMATION		
Threshold Limit Value See Section 2.		
Signs and Symptoms of exposure	1. Acute Overexposure Contact may cause skin or eye irritation. If swallowed it may cause gastrointestinal irritation; call a physician immediately. 2. Chronic Overexposure May cause dermatitis in some individuals.	
Medical Conditions Generally Aggravated by Exposure Dermatitis or other mild skin condition mild eye irritation.		
Chemical Listed as Carcinogen or Potential Carcinogen by the: 1) National Toxicology Program – NO 2) I.A.R.C. Monographs – NO 3) OSHA – NO		
OSHA Permissible Exposure Limit N/D - Mixture	ACGIH Threshold Limit Value N/D – Mixture	Other Exposure Limit Used N/D - Mixture
TOXICITY INFORMATION N/D - mixture.		

ENVIRONMENTAL / DISPOSAL CONSIDERATIONS

12 – ENVIRONMENTAL HAZARDS

Oil – based product. Treat as oil release. See Section 6 for accidental release procedures.

13 – DISPOSAL CONSIDERATIONS

Dispose of in a manner in accordance with federal, state, and local regulations. Use a licensed waste handler.

14 – TRANSPORTATION INFORMATION (OPTIONAL)

DOT PROPER SHIPPING NAME: Not Regulated
DOT HAZARD CLASS: Not Regulated
DOT UN NUMBER: Not Regulated
DOT PACKING GROUP: Not Regulated

IATA PROPER SHIPPING NAME: Not Regulated
IATA HAZARD CLASS: Not Regulated
IATA UN NUMBER: Not Regulated
IATA PACKING GROUP: Not Regulated

15 – REGULATORY INFORMATION

CHEMICAL INVENTORIES

None / Exempt – Chemical Mixture

SARA 313 Information

No Listed Components.



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16 – OTHER INFORMATION

The above information is believed to be accurate and represents the best information currently available to us. However, WE MAKE NO WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their own particular purposes. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. The data in this SDS relates only to the specific material designated and does not relate to use in combination with any other material or process.

H.M.I.S. CODES

Health: 1

Fire: 1

Reactivity: 0

N/A = Not Applicable

N/D = Not Determined

N/L = Not Listed

TLV = Threshold Limit Value (ACGIH)

PEL = Permissible Exposure Limit (OSHA)

TWA = Time Weighted Average