

PRODUCT NAME: Gear Lube SAE GL 1-140 Economic ABRO
PRODUCT NUMBER/SIZE: GL-1-140-GL / Gallon **Revision Date:** 03/23/2023

SECTION 1
Identification of the Substance and of the Company/Undertaking

MANUFACTURER'S NAME: ABRO INDUSTRIES, INC.
ADDRESS: 3580 Blackthorn Drive
South Bend, IN 46628 USA
PRODUCT DESCRIPTION: Gear Oil
COMPANY PHONE: 574-232-8289
EMERGENCY 24-HR TELEPHONE: Chemtrec: US/Canada 1-800-424-9300
International +1-703-527-3887

SECTION 2
Hazards Identification

Classification (GHS-US):
Not Classified

Label Pictogram(s): Not Classified

Signal Word: Not Hazardous

Hazard Phrases: None required.

Precautionary Phrases: None required

Response: None required.

Storage / Disposal: Dispose of contents/container in accordance with local, regional, national, and international regulations.

SECTION 3
Composition/Information on Ingredients

Substances:
Not applicable

Mixture:

Name	Product Identifier	% (w/w)
Petroleum distillates, solvent dewaxed	64742-65-0	10-20
Heavy paraffinic distillates, petroleum hydrotreated heavy paraffinic	64742-54-7	80-100

SECTION 4 First Aid Measures

If poisoning occurs, contact a local doctor or Poisons Information center.

Inhalation: Remove victim from exposure – avoid casualty. Remove contaminated clothing. keep at rest until fully recovered. Seek medical advice if effects persist.

Skin contact: If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness or irritation occurs seek medical assistance.

Eye contact: If eyes contact with the product immediately wash out with water and take medical advice.
Ingestion: Rinse mouth with water, if swallowed, do NOT induce vomiting. Give a glass of water, if vomiting occurs give further water. Seek medical advice.

First Aid: Wear safety glasses, gloves and other protective equipment. Wash hands before smoking, eating, drinking or using toilet. Contact physician as the symptoms occur.

SECTION 5 Fire Fighting Measures

Hazchem code: Not applicable

Fire Extinguishing Media: If material is involved in a fire use water fog or fine water spray, foam, dry agent (CO₂, Dry chemical powder).

Specific hazards: Combustible liquid.

Fire Fighting Advice: On burning it may emit toxic fumes. Fire fighters must use self- contained breathing apparatus and suitable protective clothing.

SECTION 6 Accidental Release Measures

SMALL SPILLS: Wear protective equipment to prevent skin or eye contamination. Avoid inhalation of vapors. Collect the spilled material after wiping with absorbent in labelled containers or drums for disposal.

LARGE SPILLS: Shut off all possible sources of ignition. Clear area of all unprotected personnel. Prevent further leakage or spillage if safe to do so. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact and inhalation of vapors. Collect the spilled material after wiping with absorbent in labelled containers or drums for disposal. If contamination of sewers or waterways occurs advise local emergency services.

SECTION 7 Handling and Storage

Handling: Avoid eye contact and repeated skin contact.

Storage: Store in a cool, dry, well – ventilated area and out of direct sunlight. Store away from incompatible materials. Store away from sources of heat or ignition. Check regularly for leakages. Refer to State Regulations for storage and transport requirements.

SECTION 8 Exposure Controls/Personal Protection

National occupational exposure limits: No value assigned for this specific material.

COMPONENT	AGENCY	TWA	STEL	CEILING	NOTATION
Highil refined mineral oil (C15 - C50)	ACGIH	5 mg/m ³	10 mg/m ³	–	–
Highil refined mineral oil (C15 - C50)	OSHA Z-1	5 mg/m ³	–	–	–

TWA – The time – weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

STEL (Short Term Exposure Limit) – The average airborne concentration over a 15-minute period, which should not be exceeded at any time during a normal eight-hour working day. If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard.

SECTION 9 Physical and Chemical Properties

Color:	Bright & Clear liquid
Solubility:	Insoluble in water and alcohol
Specific Gravity (at 29.5 deg.C):	0.86 – 0.90
Relative Vapor Density (air=1):	>1
Vapor Pressure (at 20 deg.C):	Not Available
Flash Point (deg.C):	220 min
Flammability Limits (%):	Not Available
Autoignition temperature (deg.C):	Not Available
Viscosity (at 100 deg.C):	24 cSt Min

SECTION 10 Stability and Reactivity

Reactivity: No reactivity hazards are known for the material.

Chemical stability: This material is thermally stable when stored and used as directed.

Conditions to avoid: Elevated temperatures and sources of ignition.

Incompatible materials: Oxidizing agents.

Hazardous decomposition products: Oxides of carbon and nitrogen, smoke and other toxic fumes.

SECTION 11 Toxicological Information

No adverse health effects expected if the product is handled according to directives given in MSDS.

Acute effects: Inhalation: It may be an irritant which may create respiratory problems.

Skin contact: It may result in skin infection and blistering.

Eye contact: It may be an eye irritant.

Skin contact: It is classified as non-hazardous, acute toxicity estimates are >2,000mg./Kg.

Eye contact: It is classified as non-corrosive and irritating to eyes.

Ingestion: It is classified as non-hazardous, acute toxicity estimates are >2,000mg./Kg.

Chronic Toxicity: Mutagenicity: This material is non –hazardous.

Carcinogenicity: This material is non –hazardous.

Reproductive toxicity: This material is non –hazardous.

Specific target organ toxicity (repeat exposure): This material is non –hazardous.

SECTION 12 Ecological Information

Avoid contaminating waterways.

Acute aquatic hazard: This material is non-hazardous. Acute toxicity estimate is > 100mg./L. Zinc dialkyl dithiophosphate (ZDDP) is classified as toxic to the aquatic environment.

Ecotoxicity: No information available.

Persistence & degradability: ZDDP is not readily biodegradable.

Mobility: No information available.

SECTION 13 Disposal Considerations

Persons conducting disposal, recycling or reclamation activities should ensure that personal protective equipment must be used. See Sec_ on-8 of this MSDS.

If possible, material and its container should be recycled. If not possible, it must be disposed in compliance to local, regional or as applicable laws.

SECTION 14 Transport Information

ROAD & RAIL TRANSPORT: Not classified as Dangerous goods by the code for transport of dangerous goods by road & rail authority

MARINE TRANSPORT: Not classified as Dangerous goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

AIR TRANSPORT: Not classified as Dangerous goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

SECTION 15 Regulatory Information

US Federal Regulations

SARA Section 311/312 Hazard Classes	Not Classified
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US State Regulations: Non-Noted

Canadian Regulations

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

Proposition 65

This product does not contain any chemicals known to the State of California to cause cancer or birth defects.

SECTION 16
Other Information

The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon, information contained herein.

This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.

ABBREVIATIONS:

NG="NOT GIVEN"

<="LESS THAN"

ND = Not Determined

BT="BETWEEN"

>="GREATER THAN"

NA = Not Applicable