



LUBRI-LOY

Safety Data Sheet

Issuing Date 01-Jan-2014

Revision Date 26-June-2015

Version 1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1. Product Identifier
Product Name

Gear Oil Food Grade Machinery, H1

GOH1-032, GOH1-032-640, GOH1-032-128, GOH1-046, GOH1-046-640, GOH1-046-128, GOH1-068, GOH1-068-640, GOH1-068-128, GOH1-100, GOH1-10-640, GOH1-100-128, GOH1-150, GOH1-150-640, GOH1-150-128, GOH1-220, GOH1-220-640, GOH1-220-128, GOH1-320, GOH1-320-640, GOH1-320-128, GOH1-460, GOH1-460-640, GOH1-460-128, GOH1-680, GOH1-680-640, GOH1-680-128

1.2. Identified uses / uses advised against

Identified uses:

Technical grade lubricant, release agent for food, personal care and industrial applications

1.3. Supplier details:

Company/Address:

The Lubri-Loy Company
150 Enterprise Dr.
Wentzville, MO 63385
Tel: (636) 561-5007

1.4 Transportation emergency contact: Chem Tel 800.255.3924

2. HAZARDS IDENTIFICATION

2.1. Classification of substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]: Not classified

Classification according to Directive 67/548/EEC or 1999/45/EC: Not classified

Adverse effects:

At high temperatures, vapors may be generated which may be considered hazardous at concentrations exceeding 5 mg/m³.

2.2. Label elements:

NFPA Code:

Health-0, Flammability-1, Reactivity-0

HMIS Code:

Health-0. Flammability-1, Reactivity-0

2.3. Potential Health Effects:

Eye contact:

No significant health hazards identified.

Skin contact:

No significant health hazards identified.

Ingestion:

Negligible effect; may act as a laxative

Inhalation:

No significant health hazards identified.

2.4. Other hazards:

These substances/mixtures do not meet the PBT/vPvB criteria of REACH, annex XIII. Prolonged/repetitive skin contact may cause skin defatting or dermatitis; ingestion may have laxative effect.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

<u>Component</u>	<u>CAS No.</u>	<u>EC No.</u>	<u>% by Wt.</u>	<u>HS Tariff Classification No.</u>
Mineral Oil, USP	8042-47-5	232-45-9	99	2710.00.4530
Polybutene	9003-29-6	500-004-7	1	3902.90.0010
Antioxidant, Antiwear, Antirust Additives				

4. FIRST AID MEASURES

4.1. General information:

<i>Eye:</i>	Flush immediately with large amounts of water. If irritation occurs, call a physician
<i>Skin:</i>	Wash exposed area of skin with water. If burned by contact with hot material, cool material as quickly as possible with water. See a physician for burn treatment, irritation or allergic reaction.
<i>Ingestion:</i>	If uncomfortable or symptomatic, seek medical assistance promptly.
<i>Inhalation:</i>	If adverse effects occur, remove to uncontaminated area. Get medical attention if symptoms persist.

4.2. Most important symptoms and effects, acute and delayed

Symptoms/injuries:

High vapor concentration may induce headache, nausea, dizziness and respiratory irritation. Prolonged/repetitive skin contact may cause skin defatting or dermatitis.

4.3. Indication of any immediate medical attention and special treatment needed: See 4.1 and 4.2.

5. FIRE-FIGHTING MEASURES

- 5.1. Extinguishing media: Dry chemical, carbon dioxide, foam, steam or water fog. Agents approved for Class B hazards.
Unsuitable extinguishing media: Water streams will scatter liquid and spread fire, but may be used to keep fire-exposed containers and surroundings cool.
- 5.2. Special hazards: May create dense smoke during combustion
Fire hazard: Mild fire hazard when heated above its flash point; material must be preheated before ignition will occur (OSHA Class IIIB).
- 5.3. Advise for firefighters:
Firefighting instruction: Cool unaffected containers and remove to safety.
Firefighting protection: Firefighters should wear full bunker gear, including a positive pressure self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

- 6.1. Personal precautions, protective equipment and emergency procedures
Personnel: Wear appropriate breathing apparatus, protective clothing gloves and eye/face protection. No smoking. Refer to section 8.
Emergency procedures: Remove all sources of ignition. Keep away from heat/sparks/open flames/hot surfaces.
- 6.2. Environmental precautions Prevent spills from entering sewers and public waters.
- 6.3. Containment / Cleanup
Containment: Dike around spill; have oil-absorbent materials readily available.
Cleanup: Remove mechanically or contain on an absorbent material such vermiculite or earth and dispose of in accordance with current applicable regulations

7. HANDLING AND STORAGE

- 7.1. Handling No special requirements; observe good industrial hygiene practices.
- 7.2. Storage Do not store in open or unlabeled containers. Store away from strong oxidizing agents or combustible material.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

<i>Limits:</i>	OSHA PEL:	5 mg/m ³ (oil mist) (1989) (1971)
	ACGIH TLV-TWA:	5 mg/m ³ (oil mist)

ACGIH TLV-STEL:	10 mg/m ³ (oil mist)
8.2. Exposure controls	Control airborne concentrations below the exposure guidelines. Provide local exhaust or general room ventilation to minimize vapor concentrations. Provide emergency eye wash fountains and safety showers.
<i>Eye:</i>	Wear protective goggles or face shield if splashing is possible.
<i>Skin:</i>	Wear protective gloves/clothing
<i>Inhalation:</i>	Avoid breathing mist. If ventilation is inadequate, use NIOSH/MSHA certified respirator to protect against mist.
<i>Environmental controls:</i>	Avoid release to the environment. Notify authorities if product enters sewers or public waters.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Basic physical and chemical properties

<i>Appearance / Odor:</i>	Oily viscous liquid / Slight odor
<i>pH:</i>	Not determined
<i>Vapor Pressure:</i>	< 1.0 mmHg @ 20°C (68°F)
<i>Vapor Density (Air=1):</i>	>1
<i>Boiling Point:</i>	Not determined
<i>Melting Point:</i>	Not determined
<i>Solubility:</i>	Negligible in water (below 0.1%); soluble in hydrocarbons
<i>Specific Gravity (Water=1):</i>	0.855 - 0.894 @ 25°C/25°C (77°F)
<i>Pour Point:</i>	< 32°F
<i>Flash point / Method</i>	430°F (221°C) minimum / Cleveland Open Cup

10. STABILITY AND REACTIVITY

10.1. Reactivity	Unknown
10.2. Chemical Stability	Stable
10.3. Hazardous reactions	Hazardous polymerization will not occur
10.4. Conditions to avoid	Extreme heat; contact with chlorine, fluorine, and other strong oxidizers and acids
10.5. Incompatible materials	Chlorine, fluorine, and other strong oxidizers and acids
10.6. Hazardous decomposition products	None identified
10.7. Hazardous Polymerization	Will not occur

11. TOXICOLOGICAL INFORMATION

11.1. Toxicity	Data following is based on information from similar products, the ingredients, technical literature, and/or professional experience; The Lubri-Loy Company does not do testing on animals. No component of these products present at levels > 0.1% is identified as a carcinogen by the U.S. National Toxicology Program, U.S. Occupational Safety and Health Act, or the International Agency on Research on Cancer (IARC).
<i>Dermal (rabbits):</i>	Testing not conducted
<i>Oral (rats):</i>	Testing not conducted
<i>Eye Irritation (rabbits):</i>	Testing not conducted
<i>Skin Irritation:</i>	Testing not conducted

12. ECOLOGICAL INFORMATION

12.1 No definitive information available on ecological impact if product is released to the environment

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods	Disposal must be in accordance with applicable federal, state, or local regulations. "Empty" drums should not be given to individuals.
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14. TRANSPORT INFORMATION

14.1. General Information	Not regulated by U.S. DOT, Canadian TODG, IMO/IMDG, ICAO/IATA, ADR/RID
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15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture	
<i>CERCLA Sections 102A/103 Hazardous Substances:</i>	Not reportable
<i>SARA Title III Section 302 Extremely Hazardous Substances:</i>	Not regulated
<i>SARA Title III Sections 311/312 Hazardous Categorization:</i>	No hazardous by OSHA under 29 CFR Part 1910.1200(d).
<i>SARA Title III Section 313:</i>	Not regulated
<i>U.S. Inventory (TSCA):</i>	Listed on inventory
<i>FOOD CONTACT STATUS</i>	
<i>FDA 21 CFR 178.3570:</i>	Compliant
<i>USDA: H1 Status</i>	Compliant
<i>Kosher Certification:</i>	Compliant
15.2. Chemical safety assessment	Incomplete

16. OTHER INFORMATION

This material safety data sheet and the information it contains are offered in good faith as accurate. We have reviewed any information contained in this data sheet, which we received from sources outside our company. We believe that information to be correct but cannot guarantee its accuracy or completeness. 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 product(s) safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either expressed or implied.

End of SDS