



MATERIAL SAFETY DATA SHEET

GEAR OIL

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

PRODUCT & COMPANY INFORMATION

Product Name: GEAR OIL GL-4
Manufacturer Information
Company Name: Warco Products, Inc.
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Phone: 503.783.0250
Fax: 503.612.1700
Email: info@warcopro.com
24 Hour Emergency Contact: Chemtrec 800-424-9300

SECTION 1 – MATERIAL IDENTIFICATION AND DESCRIPTION

DOT Shipping Name: N/A
CAS Registry Number: N/A
DOT Hazard Class: Non Hazardous
Chemical Name: Petroleum Hydrocarbon
Hazardous Material Components: Petroleum oil and trade secret additives

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Pt: Above 500 deg F
Vapor Pressure: Negligible
Melting Pt: N/A
Vapor Density: Above 5
Specific Gravity: .9
Solubility in Water: Not soluble
Appearance: Light to dark amber
Odor: Mineral oil with additives

SECTION 3 - FIRE & EXPLOSION HAZARD DATA

Flash Pt: Above 300 deg F
Extinguishing Medium: Water, fog, foam, dry chemical, carbon dioxide
Special Fire Fighting Procedures: Use water spray to cool exposed containers. Fire fighting personnel should use respiratory protection.
Unusual Fire Explosion Hazards: Product of combustion includes fumes & Co2

SECTION 4 - REACTIVITY HAZARDS

Stability: Stable
Materials to Avoid: Strong oxidizers
Hazardous Polymerization: Will not
Condition to Avoid: Open flame
Hazardous Decomposition: Carbon Monoxide upon combustion

SECTION 5 - HEALTH HAZARD DATA

Route of Entry: [x] Inhalation: [x] Skin: [x] Ingestion: []
Acute Overexposure: May cause reversible eye and skin irritation; prolonged skin exposure may cause dermatitis; ingestion may cause cramps & diarrhea; breathing mists may cause dizziness



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CHRONIC OVEREXPOSURE: Define by IARC as Class I mineral oil
CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN:

National Toxicology Program
 Yes No

IARC Monographs
 Yes No

OSHA
 Yes No

Threshold Limit Value: 5 mg/cubic meter as mist

Emergency and First Aid: In all cases remove source of exposure

1. **INHALATION:** Unlikely to occur except as mist
2. **EYES:** Flush with water for at least 15 minutes or until irritation subsides
3. **SKIN:** Wash well with soap and water; remove oil soaked clothing; wash clothes before reuse; if irritation develops, consult physician
4. **INGESTION:** Do Not induce vomiting; consult physician

SECTION 6 – CONTROL AND PROTECTIVE MEASURES

Respiratory Protection: Normally not required with adequate ventilation; if exposure exceeds limits, use NIOSH/MSHA approved air respirator.

Ventilation: If mists are present, provide adequate ventilation to control level below the Permissible Exposure Limit.

Protective Gloves: Impermeable gloves

Eye Protection: Goggles

Other: Non usually required

SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND USE

Handling & Storage Precautions: Keep away from fire, flame & sparks

Other Precautions: Never wear oil soaked clothing; discard oil soaked shoes; affix proper warning label on containers according to 29 CFR 1010.1200

In Case of Spills: No unusual hazard; use pump/or oil absorbent; keep from entering waterways and sewers.

Waste Disposal Methods: Dispose according to current local, state and federal regulations; recycling;

NOTE: material may become a hazardous waste through use

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