



# 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.  
**Address:** 12505 Herman Rd. Tualatin, OR 97062 USA  
**Phone:** 503.783.0250  
**Fax:** 503.612.1700  
**Email:** [info@warcopro.com](mailto: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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