



# MATERIAL SAFETY DATA SHEET

**CHROMATE INDUSTRIAL CORPORATION®**

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**FOR CHEMICAL  
EMERGENCY**

Call ChemTrec day/night:  
**1-800-424-9300**

## PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** GEAR OIL 85W 140WT  
**PART NUMBER:** 74450  
74451

**DATE PREPARED:** February 8, 2009  
**CHROMATE INDUSTRIAL CORPORATION**  
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**DOT Hazard Classification:** ORM-D  
**NOTICE:** JUDGEMENT BASED ON INDIRECT TEST DATA

## SECTION 1 – MATERIAL IDENTIFICATION AND INFORMATION

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

**NFPA RATING:** Health: 1 Flammability: 1 Reactivity: 0 Special: --  
**HMIS RATING:** Health: 1 Flammability: 1 Reactivity: 0 Personal Protection: B

COMPONENTS- CHEMICAL NAMES/COMMON NAMES <small>(Hazardous Components 1% or greater; Carcinogens 0.1% or greater)</small>	CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	CARCINOGEN Ref. Source **
PETROLEUM OIL MIXTURE	8002-05-9	No	5mg/M <sup>3</sup> TWA for oil mist	5mg/M <sup>3</sup> TWA for oil mist	d

## SECTION 2 – PHYSICAL / CHEMICAL CHARACTERISTICS

**Boiling Point:** >450°F  
**Vapor Pressure: PSIG @ 70°F (Aerosols):** N/A  
**Vapor Density (Air = 1):** 12  
**Solubility in Water:** Negligible  
**Appearance and Odor:** Green with oil odor  
**Specific Gravity (H2O=1):** 0.88  
**Vapor Pressure (Non-Aerosols)(mm Hg and Temperature):** <0.01  
**Evaporation Rate ( BUAC = 1):** <0.01  
**Water Reactive:** No

## SECTION 3 – FIRE AND EXPLOSION HAZARD DATA

**FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols):** N/A  
**Auto-Ignition Temperature:** N/A  
**Flammability Limits in Air by % in Volume:** % LEL: N/D % UEL: N/D  
**FLASH POINT AND METHOD USED (non-aerosols):** >400°F COC  
**SPECIAL FIRE FIGHTING PROCEDURES:** Self-contained breathing apparatus.  
**EXTINGUISHER MEDIA:** Dry chemical (preferred), carbon dioxide, foam, water.  
**Unusual Fire & Explosion Hazards:** Slight when exposed to heat or flame. Combustible at high temperatures.

## SECTION 4 – REACTIVITY HAZARD DATA

**STABILITY:** STABLE  
**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR  
**Incompatibility (Materials to Avoid):** Chlorine or oxygen.  
**Conditions to Avoid:** Oxydizing Atmosphere.  
**Hazardous Decomposition Products:** Oxides of Carbon.

N/A — NOT APPLICABLE  
N/L — NOT LISTED

N/D — NOT DETERMINED

N/E — NONE ESTABLISHED

N/R — NOT REGULATED

**SECTION 5 – HEALTH HAZARD DATA**

**PRIMARY ROUTES OF ENTRY:** SKIN ABSORPTION

**ACUTE EFFECTS**

**Inhalation:** May cause respiratory tract irritation.

**Eye Contact:** May cause irritation.

**Skin Contact:** May cause irritation.

**Ingestion:** May cause vomiting, nausea, diarrhea.

**CHRONIC EFFECTS:** None noted.

**Medical Conditions Generally Aggravated by Exposure:** None noted.

**EMERGENCY FIRST AID PROCEDURES**

**Eye Contact:** Wash with large amounts of water. If irritation persists, call a physician.

**Skin Contact:** Remove contaminated clothing. Wash with soap and water.

**Inhalation:** Remove to fresh air.

**Ingestion:** *DO NOT INDUCE VOMITING.* Give 3-4 glasses of water. Seek medical attention.

**SECTION 6 – CONTROL AND PROTECTIVE MEASURES**

**Respiratory Protection (specify type):** None required.

**Protective Gloves:** Neoprene or plastic.

**Eye Protection:** Splash goggles or safety glasses.

**Ventilation Requirements:** None required in excess to normal ventilation.

**Other Protective Clothing & Equipment:** Oil resistant apron.

**Hygienic Work Practices:** Do not work in oil soaked clothing. Wash after handling.

**SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND USE**

**Steps To Be Taken If Material Is Spilled Or Released:** Stop flow, dike spill, eliminate all ignition sources, absorb on inert material and scrape up.

**Waste Disposal Methods:** Dispose of in accordance with local, state and federal regulations.

**Precautions To Be Taken In Handling & Storage:** Avoid prolonged exposure to mist and vapors. Avoid flames, sparks and hot surfaces. Keep containers closed. Shelf life one year.

**Other Precautions &/or Special Hazards:** *KEEP OUT OF REACH OF CHILDREN.* Empty containers may contain explosive gas.

**OTHER INFORMATION**

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

\*\* Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only