



# 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: T F G GREASE  
PART NUMBER: 74406  
PRODUCT TYPE: LUBRICANT  
CHEM. FAMILY: PETROLEUM MIXTURE

DATE PREPARED: February 11, 2009  
CHROMATE INDUSTRIAL CORPORATION  
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DOT Hazard Classification: Non-Hazardous  
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 (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	CARCINOGEN Ref. Source **
PETROLEUM OIL MIXTURE	8002-05-9	No	5mg/M3 TWA for oil mist	5mg/M3 TWA for oil mist	d

## SECTION 2 – PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: N/A  
Vapor Pressure: PSIG @ 70°F (Aerosols): N/A  
Vapor Density (Air = 1): 12  
Solubility in Water: Negligible  
Appearance and Odor: White gel with oil odor.  
Specific Gravity (H2O=1): 0.8  
Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): <0.01  
Evaporation Rate (= 1): N/A  
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 (SCUBA).  
EXTINGUISHER MEDIA: Dry chemical (preferred), carbon dioxide, foam, water.  
Unusual Fire & Explosion Hazards: Empty containers may retain product residue including flammable or explosive vapors. Do not cut, drill, grind or weld on or near full, part full or empty drum.

## SECTION 4 – REACTIVITY HAZARD DATA

STABILITY: STABLE  
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR  
INCOMPATIBILITY (MATERIALS TO AVOID): Chlorine or oxygen.  
CONDITIONS TO AVOID: Oxidizing atmospheres.  
HAZARDOUS DECOMPOSITION PRODUCTS: *Thermal*: unidentified organics. *Oxidation*: 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:** Not expected to be a problem. Massive exposure to vapors or fumes may cause headaches, dizziness, and/or drowsiness.

**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:** Dermatitis.

**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:** Oil resistant types.

**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