



MATERIAL SAFETY DATA SHEET

CHROMATE INDUSTRIAL CORPORATION®
5250-A Naiman Parkway, Solon, OH 44139 • 888-567-2206 • www.chromate.com

**FOR CHEMICAL
EMERGENCY**

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

SECTION 1 — PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: ZOOM SPOUT® OILER **DATE PREPARED:** JUNE 1, 2011
PART NUMBER: 74255 **CHROMATE INDUSTRIAL CORPORATION**
PRODUCT USE: LUBRICATION FOR GENERAL USE **5250-A Naiman Parkway, Solon, OH 44139 • (888) 567-2206**

SECTION 2 — HAZARDOUS IDENTIFICATION

PROTECTIVE CLOTHING: Not Required for Normal Use

NFPA RATING (USA): **HEALTH: 0** **FLAMMABILITY: 1** **INSTABILITY: 0**

WHMIS (CANADA): Not Controlled

TRANSPORT: Not Regulated

EMERGENCY OVERVIEW: Exposure to hazardous substances is not expected when handling this product for its intended use.

APPEARANCE, COLOR AND ODOR: Clear, colorless to light yellow liquid, petroleum-oil odor.

USA: This product is not a hazardous material as defined by 29 CFR 1910.1200, OSHA Hazard Communication Standard.

Canada: This is not a controlled product under WHMIS.

POTENTIAL HEALTH EFFECTS: ACUTE (short term):

RELEVANT ROUTE(S) OF EXPOSURE: Skin contact.

INHALATION: Exposure to hazardous substances by inhalation is not expected with normal use. Inhalation of oil mist or vapors at elevated temperatures may cause respiratory irritation.

INGESTION: Not an expected route of occupational exposure. Acute oral toxicity of the component substances is low. Ingestion of large amounts of the product may cause nausea, vomiting, and diarrhea.

SKIN: May cause skin irritation in some individuals. Symptoms may include redness and a burning sensation. A component of this material may cause an allergic skin reaction.

EYE: Direct contact with the eye may cause mild irritation.

CHRONIC (long term): Prolonged or repeated contact can defat the skin, causing drying and cracking of the skin, and possibly dermatitis (inflammation).

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing skin disorders may be aggravated by repeated exposure to the product.

INTERACTIONS WITH OTHER CHEMICALS: Not available

POTENTIAL ENVIRONMENTAL EFFECTS: Not available

SECTION 3 — COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NO.	WT. %
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Product is a non-hazardous mixture of Petroleum, lubricating base oil and proprietary additives.
No hazardous/dangerous ingredients by OSHA and WHMIS criteria.

SECTION 4 — FIRST AID MEASURES

INHALATION: If respiratory symptoms develop, remove source of contamination or move victim to fresh air. Obtain medical advice.

EYE CONTACT: No effects expected. If irritation occurs, flush contaminated eye(s) with lukewarm, gently flowing water for 5 minutes. If irritation persists, obtain medical advice.

SKIN CONTACT:: Remove contaminated shoes and clothing and cleanse affected area(s) thoroughly by washing with mild soap and water or a waterless hand cleaner. If irritation or redness develops and persists, seek medical attention.

INGESTION: If irritation or discomfort occurs, obtain medical advice immediately.

SECTION 5 — FIRE-FIGHTING MEASURES

- FLAMMABLE PROPERTIES:** Product will burn if involved in a fire. Flashpoint: >150°C (>302°F) ASTM D93
- SUITABLE EXTINGUISHING MEDIA:** For small fires, use water spray, dry chemical, carbon dioxide or appropriate foam. Use water spray to cool fire-exposed containers.
- UNSUITABLE EXTINGUISHING MEDIA:** DO NOT use a solid stream of water directly on the fire as the water may spread the fire.
- EXPLOSION DATA:**
- SENSITIVITY TO MECHANICAL IMPACT:** Not applicable
- SENSITIVITY TO STATIC DISCHARGE:** Not applicable
- SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:** Combustion may produce nitrogen oxides, carbon dioxide, carbon monoxide, smoke, toxic and irritating gases. Hot product can cause thermal burns.
- PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS:** Self-contained breathing apparatus and protective clothing should be worn. Remove all unprotected personnel.
- NFPA RATING:** HEALTH: 0 FLAMMABILITY: 1 INSTABILITY: 0

SECTION 6 — ACCIDENTAL RELEASE MEASURES

- PERSONAL PRECAUTIONS:** Avoid contact with skin and eyes. Extinguish all sources of ignition. Ventilate the area. Monitor the workplace air for harmful concentrations of vapors and take appropriate precautions if concentrations in air exceed workplace exposure limits.
- ENVIRONMENTAL PRECAUTIONS:** Prevent the product from entering sewers or waterways.
- METHODS FOR CONTAINMENT:** Stop the release if it is safe to do so.
- METHODS FOR CLEAN-UP:** Clean up spills immediately. Absorb spilled material with dry earth, sand, or other non-combustible absorbent material and transfer to appropriate, covered and labeled waste containers. Dispose of unusable product as described in *Section 13*.

SECTION 7 — HANDLING AND STORAGE

- HANDLING:** DO NOT INGEST. Avoid breathing vapors. Avoid contact with skin and eyes. Do not use near hot surfaces or flames. No smoking. *KEEP OUT OF REACH OF CHILDREN*.
- STORAGE:** Store in a cool, dry area, out of direct sunlight and away from heat, flames and ignition sources. Keep containers tightly closed when not in use.

SECTION 8 — EXPOSURE CONTROLS / PERSONAL PROTECTION

- EXPOSURE GUIDELINES:** Measurable airborne concentrations of the component substances are not expected when the product is used for its intended purpose.
- | INGREDIENT | ACGIH TLV—(8-HR. TWA) | U.S. OSHA PEL—(8-HR. TWA) | ONTARIO (CANADA) TWA EV |
|-----------------------------------|---|--|--|
| LUBRICANT BASE OIL
(Petroleum) | 5mg/m ³
STEL: 10 mg/m ³
as Oil Mist, if generated | 5 mg/m ³
as Oil Mist, if generated | 5mg/m ³
STEV: 10 mg/m ³
Mineral oil mist |
- EXPOSURE CONTROLS**
- ENGINEERING CONTROLS:** Not required for its intended use.
- PERSONAL PROTECTION**
- EYE/FACE PROTECTION:** Not required for normal use. Wear safety glasses when needed to prevent eye contact.
- SKIN PROTECTION:** Not required for normal use. Wear gloves when needed to prevent repeated or prolonged skin contact.
- RESPIRATORY PROTECTION:** Not required for normal use.
- GENERAL HYGIENE MEASURES:** DO NOT INGEST. Avoid contact with skin and eyes. *KEEP OUT OF REACH OF CHILDREN*. Wash hands after handling.

SECTION 9 — PHYSICAL / CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
FLASH POINT & METHOD: >150°C (>302°F) ASTM D93
APPEARANCE, COLOR AND ODOR: Clear, colorless to light yellow, petroleum-oil odor.
AUTO-IGNITION TEMPERATURE: N/A
ODOR THRESHOLD: N/A
FLAMMABILITY LIMITS IN AIR: N/A
pH: N/A
VAPOR PRESSURE: <1 mmHg
SPECIFIC GRAVITY (WATER = 1): 0.86 - 0.87 @ 15.6°C (60°F)
BULK DENSITY: 7.2 - 7.3 lbs/gal
VAPOR DENSITY (AIR = 1): >1
PARTITION CO-EFFICIENT (n-OCTANOL/WATER): N/A
EVAPORATION RATE (n-BUTYL ACETATE = 1): <1
SOLUBILITY: Insoluble in water
BOILING POINT/RANGE: N/A
VISCOSITY: N/A
FREEZING POINT: <-18°C (<-0.4°F)
DECOMPOSITION TEMPERATURE: N/A
VOC CONTENT: N/A

SECTION 10 — STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable at normal room temperature.
CONDITIONS TO AVOID: Avoid extreme heat and open flames.
INCOMPATIBLE MATERIALS: Incompatible with strong oxidizing agents strong reducing agents.
HAZARDOUS DECOMPOSITION PRODUCTS: From thermal oxidative decomposition; Nitrogen oxides, carbon monoxide and carbon dioxide, hydrocarbon vapor.
POSSIBILITY OF HAZARDOUS REACTIONS: N/A

SECTION 11 — TOXICOLOGICAL INFORMATION**ACUTE TOXICITY DATA**

CHEMICAL NAME	LD ₅₀ ORAL (mg/kg)	LD ₅₀ DERMAL (mg/kg)	LC ₅₀ INHALATION (4 HRS.)
LUBRICANT OIL	>5,000	>2,000	Not available

OTHER TOXICITY DATA

CARCINOGENICITY: The petroleum base oils contained in this product have been highly refined by a variety of processes including severe hydrocracking/hydroprocessing to reduce aromatics and improve performance characteristics. All of the oils meet the IP-346 criteria of less than 3 percent PAH's and are not considered carcinogens by NTP, IARC, or OSHA.

IRRITATION: Contact with the skin may cause irritation in some individuals. Direct eye contact may cause irritation.

CORROSIVITY: Not available

SENSITIZATION: Not available

NEUROLOGICAL EFFECTS: Not available

GENETIC EFFECTS: Not available

REPRODUCTIVE EFFECTS: Not available

DEVELOPMENTAL EFFECTS: Not available

TARGET ORGAN EFFECTS: Not available

SECTION 12 — ECOLOGICAL INFORMATION

ECOTOXICITY: Assays have demonstrated acute aquatic toxicity values greater than 1000 mg/L.

PERSISTENCE/DEGRADABILITY: Not readily biodegradable.

BIOACCUMULATION/ACCUMULATION: Log K_{ow} values measured for the hydrocarbon components of this material range from 4 to 6.

MOBILITY: Volatilization to air is not expected to be a significant fate process due to the low vapor pressure of this material. In water, base oils will float and spread over the surface.

SECTION 13 — DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Do NOT dump into any sewers, on the ground or into any body of water. Store material for disposal as indicated in *Section 7—Handling and Storage*.

The conditions of use, storage and disposal of this product are beyond our control and may be beyond our knowledge. For this and other reasons, Chromate Industrial Corp. does not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of this product. Dispose of in accordance with local, state/provincial and federal laws and regulations.

SECTION 14 — TRANSPORT INFORMATION

U.S. HAZARDOUS MATERIALS REGULATION (DOT 49CFR): Not regulated
CANADIAN TRANSPORTATION OF DANGEROUS GOODS (TDG): Not regulated
ADR/RID: Not regulated
IMDG: Not regulated
MARINE POLLUTANTS: N/A
ICAO/IATA: Not regulated

SECTION 15 — REGULATORY INFORMATION**UNITED STATES**

TSCA STATUS: All ingredients in the product are listed on the TSCA inventory.

SARA Title III

Sec. 302/304: None
Sec. 311/312: Not applicable
Sec. 313: Not applicable
CERCLA RQ: Not applicable

CALIFORNIA PROP 65: This product does not contain chemicals known to the State of California to cause cancer birth defects or other reproductive harm.

CANADA: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

WHMIS CLASSIFICATION: Not controlled

DSL INVENTORY: All substances are listed, as required, on Canada's DSL or are exempt.

NPRI SUBSTANCES: Not applicable

SECTION 16 — OTHER INFORMATION**DISCLAIMER:**

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