



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

1. IDENTIFICATION

PRODUCT NAME: Silver Anti-Seize Lubricant

DATE PREPARED: June 12, 2015

PART NUMBER: 74566

MANUFACTURER: CHROMATE INDUSTRIAL CORPORATION
5250-A Naiman Parkway, Solon, OH 44139 • www.chromate.com

PRODUCT TYPE: Lubricant

EMERGENCY TELEPHONE NUMBER OF THE COMPANY: (888) 567-2206

RESTRICTIONS OF USE: None identified.

PRODUCT INFORMATION TELEPHONE NUMBER: (888) 567-2206

REGULATORY INFORMATION TELEPHONE NUMBER: (888) 567-2206

TRANSPORTATION EMERGENCY TELEPHONE NUMBER: (800) 424-9300

NATIONAL POISON CENTER: (800) 222-1222

2. HAZARDS IDENTIFICATION

Emergency overview:

DANGER: CAUSES SEVERE SKIN BURNS AND EYE DAMAGE.

Hazard Class

Hazard Category

Skin corrosion

1C

Serious eye damage

1

Pictograms:



Precautionary statements:

Prevention: Do not breath dust or fumes. Wash thoroughly after handling. Wear protective gloves, eye protection, and face protection.

Response: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison control center or physician. Wash contaminated clothing before reuse.

Storage: Store locked up.

Disposal: Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Hazardous Component(s) | CAS number | Percentage* |
|--|------------|-------------|
| Distillates (petroleum), hydrotreated heavy naphthenic | 64742-52-5 | 10 - 30 |
| Petroleum distillates, hydrotreated, light naphthenic | 64742-53-6 | 10 - 30 |
| Graphite | 7782-42-5 | 10 - 30 |
| Calcium oxide | 1305-78-8 | 10 - 30 |
| Aluminum not powder, dust or fume | 7429-90-5 | 5 - 10 |
| Distillates (petroleum), straight-run middle | 64741-44-2 | 1 - 5 |

* Exact percentage is a trade secret. Concentration range is provided to assist users in providing appropriate protections

4 FIRST-AID MEASURES

Inhalation: Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Skin contact: Remove contaminated clothing and footwear. Immediately flush skin with plenty of water (using soap, if available). Get medical attention. Wash clothing before reuse.

Eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.

Ingestion: Do not induce vomiting. Aspiration may cause pulmonary edema and pneumonitis. Never give anything by mouth to an unconscious person. Get medical attention.

Symptoms: See section 11.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Carbon dioxide. Dry chemical. Foam.

Special firefighting procedures: Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. In case of fire, keep containers cool with water spray.

Unusual fire or explosion hazards: None

Hazardous combustion products: Oxides of carbon.

6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental precautions: Do not allow product to enter sewer or waterways.

Clean-up methods: Scrape up as much material as possible. Clean residue with soap and water. Store in a closed container until ready for disposal.

7. HANDLING AND STORAGE

Handling: Use only with adequate ventilation. Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Keep container closed.

Storage: Keep in a cool, well ventilated area.

For information on product shelf life contact Chromate Industrial Corp. Customer Service at (888) 567-2200.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

| Hazardous Component(s) | ACGIH TLV | OSHA PEL | AIHA WEEL | OTHER |
|--|--|---|-----------|-------|
| Distillates (petroleum), hydrotreated heavy naphthenic | 5 mg/m ³ TWA mist 10 mg/m ³ STEL mist | 5 mg/m ³ TWA mist 500 ppm (2,000 mg/m ³) PEL 5 mg/m ³ PEL Mist. | None | None |
| Petroleum distillates, hydrotreated, light naphthenic | None | 5 mg/m ³ (2,000 mg/m ³) PEL 5 mg/m ³ PEL Mist. | None | None |
| Graphite | 2 mg/m ³ TWA Respirable fraction. | 5 mg/m ³ PEL Mist. Respirable fraction. 15 mg/m ³ PEL Total dust. 15 MPPCF TWA | None | None |
| Calcium oxide | 2 mg/m ³ TWA | 5 mg/m ³ PEL | None | None |
| Aluminum not powder, dust or fume | None | None | None | None |
| Distillates (petroleum), straight-run middle | 5 mg/m ³ TWA mist 10 mg/m ³ STEL mist | 5 mg/m ³ TWA mist | None | None |

Engineering controls: Use only with adequate ventilation. Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination below occupational exposure limits.

Respiratory protection: If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH. Observe OSHA regulations for respirator use (29 CFR 1910.134). Respirator with combination filter for vapor/particulate.

Eye/face protection: Safety goggles or safety glasses with side shields. Safety showers and eye wash stations should be available.

Skin protection: Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact. Neoprene, Butyl-rubber, or nitrile-rubber gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|--|
| Physical state: | Solid. |
| Color: | Silver. |
| Odor: | Mild. |
| Odor threshold: | Not available. |
| pH: | Not applicable. |
| Vapor pressure: | Not determined. |
| Boiling point/range: | Not available. |
| Melting point/range: | Not available. |
| Specific gravity: | 1.10 |
| Vapor density: | Not determined. |
| Flash point: | Product is a solid. Burn Rate: Approx. 12 mm/2 minutes |
| Flammability/explosive limits - lower: | Not determined. |
| Flammability/explosive limits - upper: | Not determined. |
| Auto-ignition temperature: | Not determined. |
| Evaporation rate: | Not determined. |
| Solubility in water: | Insoluble. |
| Partition coefficient (n-octanol/water): | Not determined. |
| VOC content: | < 3% |
| Viscosity: | Not available. |
| Decomposition temperature: | Not available. |

10. STABILITY AND REACTIVITY

| | |
|--|--|
| Stability: | Stable under normal conditions of storage and use. |
| Hazardous reactions: | Will not occur. |
| Hazardous decomposition products: | Oxides of carbon. |
| Incompatible materials: | Oxidizing agents. |
| Reactivity: | Not available. |
| Conditions to avoid: | Keep away from heat, spark and flame. |

11. TOXICOLOGICAL INFORMATION

Relevant routes of exposure: Skin, Inhalation, Eyes

Potential Health Effects/Symptoms

Inhalation: May cause respiratory tract irritation.

Skin contact: Causes skin burns.

Eye contact: Causes serious eye damage.

Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Principal hazard of ingestion is aspiration into the lungs and subsequent pneumonitis.

| Hazardous Component(s) | LD50s and LC50s | Immediate and Delayed Health Effects |
|--|-----------------|--|
| Distillates (petroleum), hydrotreated heavy naphthenic | None | Irritant |
| Petroleum distillates, hydrotreated, light naphthenic | None | Irritant |
| Graphite | None | Lung |
| Calcium oxide | None | Irritant, Corrosive, Eyes |
| Aluminum not powder, dust or fume | None | Central nervous system, Irritant, Lung |
| Distillates (petroleum), straight-run middle | None | Irritant |

| Hazardous Component(s) | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|--|----------------|-----------------|--|
| Distillates (petroleum), hydrotreated heavy naphthenic | No | No | No |
| Petroleum distillates, hydrotreated, light naphthenic | No | No | No |
| Graphite | No | No | No |
| Calcium oxide | No | No | No |
| Aluminum not powder, dust or fume | No | No | No |
| Distillates (petroleum), straight-run middle | No | No | No |

N/A — NOT APPLICABLE

N/D — NOT DETERMINED

N/E — NONE ESTABLISHED

N/R — NOT REGULATED

N/L — NOT LISTED

12. ECOLOGICAL INFORMATION

Ecological information: Not available.

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Follow all local, state, federal and provincial regulations for disposal.

Hazardous waste number: Not a RCRA hazardous waste.

14. TRANSPORT INFORMATION

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any package/configuration.

U.S. Department of Transportation Ground (49 CFR)

Proper shipping name: Not regulated.

Hazard class or division: None.

Identification number: None.

Packing group: None.

International Air Transportation (ICAO/IATA)

Proper shipping name: Not regulated.

Hazard class or division: None.

Identification number: None.

Packing group: None.

Water Transportation (IMO/IMDG)

Proper shipping name: Not regulated.

Hazard class or division: None.

Identification number: None.

Packing group: None.

15. REGULATORY INFORMATION

United States Regulatory Information

TSCA 8 (b) Inventory Status: All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.

TSCA 12 (b) Export Notification: None above reporting de minimis.

CERCLA/SARA Section 302 EHS: None above reporting de minimis.

CERCLA/SARA Section 311/312: Immediate Health, Delayed Health

CERCLA/SARA Section 313: None above reporting de minimis.

California Proposition 65: No California Proposition 65 listed chemicals are known to be present.

Canada Regulatory Information

CEPA DSL/NDL Status: All components are listed on or are exempt from listing on the Canadian Domestic Substances List.

16. OTHER INFORMATION

This safety data sheet contains changes from the previous version in sections: New Safety Data Sheet format.

DISCLAIMER: The data contained herein are furnished for information only and are believed to be reliable. However, Chromate Industrial Corp. and its affiliates do not assume responsibility for any results obtained by persons over whose methods Chromate Industrial Corp. has no control. It is the user's responsibility to determine the suitability of Chromate's products or any production methods mentioned herein for a particular purpose, and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of Chromate's products. In light of the foregoing, Chromate Industrial Corp. specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of Chromate's products. Chromate Industrial Corp. further disclaims any liability for consequential or incidental damages of any kind, including lost profits.