



# MATERIAL SAFETY DATA SHEET

**CHROMATE INDUSTRIAL CORPORATION®**

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**FOR CHEMICAL  
EMERGENCY**

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

## SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** A/C SYSTEM LUBRICANT  
**PART NUMBER:** 74396

**DATE PREPARED:** April 2, 2009

**CHEMICAL FAMILY:** REFRIGERATION OIL

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## SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT/CAS NO.	WT. %	OSHA PEL TWA	OSHA PEL CEILING LIMITS	ACGIH TLV TWA	ACGIH TLW STEL
HEAVY HYDROTREATED NAPHTHENIC DISTILLATES (PETROLEUM) 64742-52-5	95-100	Not known	Mist 5 mg/m <sup>3</sup>	TLV Mist 5 mg/m <sup>3</sup> 8 HR.	Not Known

## SECTION 3 – HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** Prolonged or repeated skin contact may cause skin irritation. Primary Route of entry is Skin. Tests on similar materials suggest that no eye or skin short-term exposure effects are expected. Personnel with existing skin pre-disorders should avoid contact with this product. Tests on similar materials indicate no significant adverse effects expected by ingestion. This material is practically non-toxic. Harmful or fatal if liquid is aspirated into lungs.

## SECTION 4 – FIRST AID MEASURES

**Eye Contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Seek medical attention if irritation persists.

**Ingestion:** Product is practically non-toxic. DO NOT INDUCE VOMITING. Give nothing by mouth. Seek immediate medical attention.

**Inhalation:** Not a hazard under normal use conditions. If overcome by vapor from hot product, immediately remove from exposure and call a physician. If breathing is irregular or has stopped, start resuscitation: administer oxygen, if available. If overexposed to oil mist, remove from exposure until excessive oil mist condition subsides.

**Skin Contact:** Wash with soap and water. Remove contaminated clothing and launder before reuse. If product is injected into or under the skin, or into any part of the body, the individual should be evaluated immediately by a physician as a surgical emergency.

## SECTION 5 – FIRE-FIGHTING MEASURES

### FLAMMABLE PROPERTIES

**Flash Point °F(°C):** >400°F

**Flash Point Method:** TAG Closed Cup

**Flammable Limits in Air - Lower (%)**: N/D **Upper (%)**: N/D

**Autoignition Temperature °F(°C):** > 650°F

**Extinguishing Media:** Foam. Water fog. Dry chemical. Carbon dioxide. Use water spray to keep containers cool that are exposed to heat or flames.

### PROTECTION OF FIRE-FIGHTERS

**Special Fire-Fighting Procedures:** Wear approved positive-pressure self-contained breathing apparatus and protective clothing.

**Hazardous Combustion Products:** Fumes and Smoke. Carbon Monoxide. Aldehydes and other decomposition products, in the case of incomplete combustion.

**Aerosol Comments:** N/A

**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:** Wear appropriate protective clothing and equipment to prevent skin and eye contact.

**Spill Procedures:** Contain any liquid from leaking containers. Wear protective equipment specified. Only trained and qualified personnel should handle any spilled or leaked product. Recover free product. Add sand, earth, or other suitable absorbent to spill area. Minimize skin contact. Keep product out of sewers and watercourses by diking or impounding. Advise if authorities product has entered or may enter sewers, watercourses, or extensive land areas. Assure conformity with applicable governmental regulations.

**Environmental Precautions:** Do not allow to enter sanitary drains, sewer or surface and subsurface waters.

**SECTION 7 – HANDLING AND STORAGE**

**HANDLING AND STORAGE:** Keep container closed when not in use. Keep away from heat and open flame. Empty oil containers can contain explosive vapors. NFPA Class IIIB storage. Wash thoroughly with soap and water after handling. Good hygienic practices should be observed. Work clothes should be washed separately at the end of each work day. Disposable clothing should be discarded with material.

**SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION**

**ENGINEERING CONTROLS:** Use local exhaust. Eyewash stations.

**Eyes:** Wear safety glasses or goggles to protect against exposure.

**Skin Protection:** Use chemical resistant gloves for prolonged skin contact. Neoprene coated apron or clothing. Nitrile coated apron or clothing. PVC coated apron or clothing. Viton.

**Respiratory Protection:** Use local exhaust to capture vapor, mists or fumes, if necessary. Provide ventilation sufficient to prevent exceeding recommended exposure limit or buildup explosive concentrations of vapor in air. No smoking, or use of flame or other ignition sources.

**SECTION 9 – PHYSICAL / CHEMICAL PROPERTIES**

**Appearance:** Colorless to light yellow liquid

**pH Value:** Essentially neutral

**Vapor Density (Air=1):** >5

**Melting/Freezing Point:** N/D

**Bulk Density at 20°C:** N/D

**Evaporation Rate:** 1000 x slower than ethyl ether

**Specific Gravity (H<sub>2</sub>O=1):** .91

**Decomposition Temperature:** Not Known

**Odor:** MILD PETROLEUM

**Vapor Pressure:** <.0001 mm Hg @ 20°C

**Boiling Point (°F):** >630°F

**Solubility in Water:** NEGLIGIBLE

**Molecular Weight:** 420

**Viscosity:** 515 SUS @ 100°F (9.0 cSt @ 100°C)

**VOC Content(%):** <1 %

**SECTION 10 – STABILITY AND REACTIVITY**

**Chemical Stability:** STABLE.

**Conditions to Avoid:** Keep away from heat, sparks and flame. Avoid any source of ignition.

**Materials to Avoid:** Strong oxidizers such as liquid chlorine, concentrated oxygen, sodium hypochlorite, calcium hypochlorite, etc., as this presents a serious explosion hazard.

**Hazardous Decomposition Products:** Carbon monoxide. and other asphyxiants.

**Hazardous Polymerization:** WILL NOT OCCUR

**SECTION 11 – TOXICOLOGICAL INFORMATION**

**TOXICOLOGICAL DATA**

INGREDIENT/CAS NO.	WT. %	ROUTE	SPECIES	DOSE
HEAVY HYDROTREATED NAPHTHENIC DISTILLATES (PETROLEUM) 64742-52-5	95-100	N/A	N/A	Not known

**CARCINOGENICITY**

INGREDIENT/CAS NO.	WT. %	IARC	NTP	OSHA
HEAVY HYDROTREATED NAPHTHENIC DISTILLATES (PETROLEUM) 64742-52-5	95-100	N/L	N/L	N/L

**SECTION 12 – ECOLOGICAL INFORMATION**

Ecological testing has not been conducted on this product.

**SECTION 13 – ECOLOGICAL INFORMATION**

**WASTE CLASSIFICATION:** This product is not a RCRA hazardous waste if uncontaminated. If “used” RCRA criteria must be determined.

**Waste Management:** N/D

Disposal should be made in accordance with federal, state and local regulations.

**SECTION 14 – TRANSPORTATION INFORMATION**

**U.S. DOT**

**Proper Shipping Name:** N/R  
**Hazard Class:** N/A

**UN/NA Number:** N/A  
**DOT Packing Group:** N/A

**IMDG**

**Proper Shipping Name:** N/R  
**Hazard Subclass:** N/A  
**Packing Group:** N/A

**Hazard Class:** N/A  
**UN Number:** N/A  
**Marine Pollutant:** No

**SECTION 15 – REGULATORY INFORMATION**

**US FEDERAL REGULATIONS**

INGREDIENT/CAS NO.	WT. %	SARA 313	SARA 302	RQ	TPQ
HEAVY HYDROTREATED NAPHTHENIC DISTILLATES (PETROLEUM) 64742-52-5	95-100	N/L	N/L	N/A	N/A

**SARA 311/312 Hazard Categories:** N/D

**STATE REGULATIONS**

INGREDIENT/CAS NO.	WT. %	Calif. Prop. 65 Cancer list	Calif. Prop. 65 Developmental Toxicity	Calif. Prop. 65 Reproductive Female	Calif. Prop. 65 Reproductive Male
HEAVY HYDROTREATED NAPHTHENIC DISTILLATES (PETROLEUM) 64742-52-5	95-100	N/L	N/L	N/L	N/L

**U.S. TSCA:** The components of this product are listed on the TSCA Inventory.

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

N/D — NOT DETERMINED

N/E — NONE ESTABLISHED

N/R — NOT REGULATED

**SECTION 16 – OTHER INFORMATION**

**GENERAL NOTES:** Do not allow undiluted material or large quantities to reach groundwater, bodies of water or sewer system.

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