



# 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:** SAFE-T-LINE RED GREASE

**DATE PREPARED:** APRIL 27, 2009

**PART NUMBER:** 74177

**CHROMATE INDUSTRIAL CORPORATION**

**PRODUCT TYPE:** LUBRICANT

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## SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	% BY WEIGHT	OSHA PEL	ACGIH TLV	STEL	CAS #
DEIONIZED WATER	60-70	N/D	N/D	N/D	7732-18-5
PROPANE/ISOBUTANE/ N-BUTANE	10-20	1000	1000	ASPHYXIAN	74-98-6
RED GREASE	10-20	N/D	N/D	N/D	NONE
MINERAL SPIRITS**	1-10	500	100	N/D	8052-41-3
N-HEXANE*	1-10	500	50	N/D	110-54-3

\*\*Mineral Spirits may contain 3.5% 1,2,4 Trimethylbenzene (95-63-6) which is subject to the reporting requirements of Section 313 of SARA Title III.

\*An asterisk (\*) indicates the toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and 40 CFR 372.

## SECTION 3 – HAZARDS IDENTIFICATION

**NFPA RATING:** HEALTH: 1

**FLAMMABILITY:** 4

**REACTIVITY:** 0

**SPECIFIC:** 0

**HMIS RATING:** HEALTH: 2

**FLAMMABILITY:** 4

**REACTIVITY:** 0

**PERSONAL PROTECTION:** B

**NFPA 30B RATING:** 1

**PRIMARY ROUTES OF ENTRY:** INHALATION, INGESTION, SKIN, EYES

### EFFECTS OF OVEREXPOSURE:

**INHALATION:** May cause dizziness or narcosis in high vapor concentrations. Long term exposure (years) to high concentrations of vapor may cause lung, liver or kidney damage. The solvents listed have been reported to affect the central nervous system. May irritate respiratory tract. Deliberately concentrating and inhaling the vapor of the contents may be harmful or fatal. Difficulty in breathing. May cause cardiac abnormalities. N-HEXANE may damage peripheral nerve tissue.

**INGESTION:** Vomiting. Aspiration hazard if swallowed.

**SKIN CONTACT:** Irritation, redness. Will cause defatting of skin. Effects are reversible.

**EYE CONTACT:** Irritation.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** Heart Disease; Respiratory Disorders.

## SECTION 4 – FIRST AID MEASURES

### EMERGENCY FIRST AID PROCEDURES:

**INHALATION:** Give oxygen.

**INGESTION:** *DO NOT INDUCE VOMITING.* Never administer adrenalin following overexposure.

**SKIN CONTACT:** Wash with soap and water.

**EYE CONTACT:** Wash with water for 15 minutes. Get medical help.

## SECTION 5 – FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT (METHOD USE):** -142°F TCC

**FLAMMABLE LIMITS:** LEL: 1.8

UEL: 9.5

**EXTINGUISHING MEDIA:** Water fog, carbon dioxide, foam, dry chemical.

**FIRE FIGHTING PROCEDURES:** Keep containers cool. Use equipment or shielding required to protect against bursting or venting containers.

**UNUSUAL AND EXPLOSION HAZARDS:** Heated cans may burst.

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

N/D — NOT DETERMINED

N/E — NONE ESTABLISHED

N/R — NOT REGULATED

**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

**SPILLS OR LEAKS:** Use absorbent sweeping compound to soak up material. Put into container. Dispose as hazardous waste.

**SECTION 7 – HANDLING AND STORAGE**

**SPECIAL PRECAUTIONS:** Keep away from heat, sparks or open flame. Store at temperatures below 120°F. When spraying more than one half can continuously or more than one can consecutively, use NIOSH-approved respirator.

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

**RESPIRATORY:** Use NIOSH-approved respirator if TLV limit is exceeded.

**SKIN PROTECTION:** None required if spraying.

**EYE PROTECTION:** Safety glasses.

**OTHER EQUIPMENT:** Long sleeve and long pants.

**EXPOSURE GUIDELINES:** Provide general and/or local exhaust ventilation.

**ENGINEERING CONTROLS:** No data available.

**SECTION 9 – PHYSICAL / CHEMICAL PROPERTIES**

**BOILING POINT:** -40°F to N/D

**VAPOR PRESSURE PSIG at 70°F:** 70

**VAPOR DENSITY (AIR = 1):** 4.0

**SOLUBILITY IN WATER:** Soluble

**PERCENT VOLATILE BY VOLUME:** N/A

**VOLATILE COMPONENTS:** N/D

**SPECIFIC GRAVITY (H<sub>2</sub>O = 1):** 0.80

**MELTING POINT:** N/A

**pH:** N/A

**EVAPORATION RATE (BUTYL ACETATE = 1):** <1

**FORM:** Liquid

**APPEARANCE AND ODOR:** Red solvent

**SECTION 10 – STABILITY AND REACTIVITY**

**STABILITY:** Stable

**CONDITIONS TO AVOID:** High temperatures.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**INCOMPATIBILITY (MATERIALS TO AVOID):** Strong oxidizers, reducers.

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Carbon dioxide, P2O5, BaO, oxides of nitrogen.

**SECTION 11 – TOXICOLOGICAL INFORMATION**

**EYE:** No data available.

**SKIN:** No data available.

**INGESTION:** No data available.

**INHALATION:** No data available.

**SUBCHRONIC:** No data available.

**CHRONIC CARCINOGENICITY**

**NTP:** N/L

**IARC MONOGRAPH:** N/L

**OSHA REGULATED:** N/R

**CALIFORNIA PROPOSITION 65:**

**WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects and other reproductive harm.

**TERATOLOGY:** No data available.

**REPRODUCTION:** No data available.

**MUTAGENICITY:** No data available

**SECTION 12 – ECOLOGICAL INFORMATION**

**ECOTOXICOLOGICAL INFORMATION:** No data available.

**CHEMICAL FATE INFORMATION:** No data available.

**SECTION 13 – DISPOSAL CONSIDERATIONS**

**RCRA HAZARD CLASS:** No data available.

**WASTE DISPOSAL METHOD:** Dispose as hazardous waste in accordance with EPA RCRA.

**SECTION 14 –TRANSPORT INFORMATION**

**TRANSPORTATION REQUIREMENTS (49CFR172-101)**

**D.O.T. CLASSIFICATION:** Consumer Commodity ORM-D

**D.O.T. SHIPPING NAME:** None

**SECTION 15 –REGULATORY INFORMATION**

**EXPOSURE LIMITS:** No data available.

**SECTION 16 –OTHER INFORMATION**

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in this MSDS. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.