



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: SAFE-T-LINE HYDRO-COOL TOOL COOLANT **DATE PREPARED:** APRIL 23, 2009
PART NUMBER: 74159

PRODUCT TYPE: PROTECTANT / SPECIALTIES **CHROMATE INDUSTRIAL CORPORATION**
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SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	% BY WEIGHT	OSHA PEL	ACGIH TLV	STEL	CAS #
WATER	90-100	N/D	N/D	N/D	7732-18-5
SILICONE EMULSION (MIXTURE)	1-10	N/D	N/D	N/D	(UNKNOWN)

This product is pressurized with nitrogen (7727-37-9).

** 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:** 0 **REACTIVITY:** 0 **SPECIFIC:** 0
HMIS RATING: **HEALTH:** 1 **FLAMMABILITY:** 0 **REACTIVITY:** 0 **PERSONAL PROTECTION:** B
NFPA 30B RATING: 1

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

EFFECTS OF OVEREXPOSURE:

INHALATION: Difficulty in breathing.

INGESTION: Vomiting. Swallowing large amounts may cause digestive discomfort.

SKIN CONTACT: Irritation, redness.

EYE CONTACT: Direct eye contact may cause temporary discomfort with mild redness and dryness similar to windburn.

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.*

SKIN CONTACT: Wash with soap and water.

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

SECTION 5 – FIRE-FIGHTING MEASURES

FLASH POINT (METHOD USE): None

FLAMMABLE LIMITS: **LEL:** N/D **UEL:** N/D

EXTINGUISHING MEDIA: Use 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.

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 when applicable.

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: 212°F

VAPOR PRESSURE PSIG at 70°F: 115

VAPOR DENSITY (AIR = 1): 4.0

SOLUBILITY IN WATER: Soluble

PERCENT VOLATILE BY VOLUME: N/A

VOLATILE COMPONENTS: N/D

SPECIFIC GRAVITY (H₂O = 1): 1.0

MELTING POINT: N/A

pH: N/A

EVAPORATION RATE (BUTYL ACETATE = 1): <1

FORM: Liquid

APPEARANCE AND ODOR: White, Solvent

SECTION 10 – STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: High temperatures.

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: If heated in the presence of air above 150°C (300°F), product may form formaldehyde vapors. Carbon dioxide. Silicone dioxide.

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 or other reproductive harm. If heated in the presence of air above 150°C (300°F), product may form formaldehyde vapors.

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.