



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: SAF-T LINE GLASS CLEANER

DATE PREPARED: APRIL 27, 2009

PART NUMBER: 74167

CHROMATE INDUSTRIAL CORPORATION

PRODUCT TYPE: CLEANER

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SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	% BY WEIGHT	OSHA PEL	ACGIH TLV	STEL	CAS #
DEIONIZED WATER	80-90	N/D	N/D	N/D	7732-18-5
PROPANE-ISOBUTANE-N-BUTANE	1-10	1000	1000	ASPHYXIAN	74-98-6
POLYPYLENE GLYCOL T-BUTYL ETHER	1-10	N/D	N/D	N/D	57018-52-7

** 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: 2 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.

INGESTION: Vomiting. Aspiration hazard if swallowed.

SKIN CONTACT: Irritation, redness. Will cause defatting of skin. Effects are reversible. Skin sensitization is possible. PROPYLENE GLYCOL T-BUTYL ETHER has the potential for significant skin absorption.

EYE CONTACT: Irritation may be severe.

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): -156°F TCC

FLAMMABLE LIMITS: LEL: 1.9 UEL: 9.5

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

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: Wear safety glasses or goggles to protect against exposure.

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: -7.1°F to 212°F

VAPOR PRESSURE PSIG at 70°F: 75

VAPOR DENSITY (AIR = 1): 4.0

SOLUBILITY IN WATER: Soluble

PERCENT VOLATILE BY VOLUME: N/A

VOLATILE COMPONENTS: N/D

SPECIFIC GRAVITY (H₂O = 1): 0.90

MELTING POINT: N/A

pH: N/A

EVAPORATION RATE (BUTYL ACETATE = 1): <1

FORM: Liquid

APPEARANCE AND ODOR: White, orange

SECTION 10 – STABILITY AND REACTIVITY

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers, acids, dehydrating agents and reducing agents.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon 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 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.