



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: HAND SANITIZING GEL
PART NUMBER: 74440, 974440

DATE PREPARED: APRIL 28, 2009

PRODUCT TYPE: ALCOHOL-BASED HAND SANITIZER

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SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICALNAME	% BY WEIGHT	OSHA PEL	ACGIH TLV	OSHA-TWA	CAS #
ETHYL ALCOHOL (ETHANOL)	1000ppm	1000ppm	1000ppm	1000ppm	64-17-5

* 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: A

PRIMARY ROUTES OF ENTRY: INHALATION, INGESTION, EYES

INHALATION: None

INGESTION: None known

SKIN CONTACT: None

EYE CONTACT: Mild eye irritation

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: No medical conditions are known to be aggravated by this product.

SECTION 4 – FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES:

INHALATION: None

INGESTION: DO NOT INDUCE VOMITING. Consult physician.

SKIN CONTACT: None

EYE CONTACT: Flush eyes with water for 15 minutes. Consult physician.

SECTION 5 – FIRE-FIGHTING MEASURES

FLASH POINT: 70°F TCC FLAMMABLE LIMITS: N/A LEL: 3.3% UEL: 19%

EXTINGUISHING MEDIA: CO₂ or dry chemical.

FIRE FIGHTING PROCEDURES: Approved respirators should be worn. Water spray to cool equipment.

UNUSUAL AND EXPLOSION HAZARDS: If heated, vapor may be flammable. Can react vigorously with oxidizing materials.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

SPILLS OR LEAKS: Remove all sources of ignition. Flush with water.

SECTION 7 – HANDLING AND STORAGE

SPECIAL PRECAUTIONS: Avoid heat. May build pressure. Vapor may be flammable. Keep away from ignition sources.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY: None

SKIN PROTECTION: None

EYE PROTECTION: Yes

OTHER EQUIPMENT: None

EXPOSURE GUIDELINES: None

WORK / HYGENIC PRACTICES: Normal cleanliness.

ENGINEERING CONTROLS: No data available.

SECTION 9 – PHYSICAL / CHEMICAL PROPERTIES

BOILING POINT: 176°F

VAPOR PRESSURE: 40

VAPOR DENSITY (AIR = 1): >1

SOLUBILITY IN WATER: Complete

APPEARANCE AND ODOR: Clear Color, Alcohol Fragrance

SPECIFIC GRAVITY (H₂O = 1): 0.886

MELTING POINT: N/A

pH: N/A

EVAPORATION RATE (BUTYL ACETATE = 1): >1

VOLATILE COMPONENTS: N/D

SECTION 10 – STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: None

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITY (MATERIALS TO AVOID): Open flames, sparks, oxidizing agents.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: CO₂ may be formed during combustion.

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

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: Not a RCRA Hazardous Waste Material.

WASTEDISPOSALMETHOD: Landfill within all local, state and federal laws.

SECTION 14 –TRANSPORT INFORMATION

TRANSPORTATION REQUIREMENTS (49CFR172-101)

D.O.T. CLASSIFICATION: Unrestricted

D.O.T. SHIPPING NAME: Unrestricted

N/A — NOT APPLICABLE
N/L — NOT LISTED

N/D — NOT DETERMINED

N/E — NONE ESTABLISHED

N/R — NOT REGULATED

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.