



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: RL PRO-CLEAN HAND SANITIZING GEL DATE PREPARED: APRIL 28, 2009
PART NUMBER: 74441
PRODUCT TYPE: ALCOHOL-BASED HAND SANITIZER CHROMATE INDUSTRIAL CORPORATION
WITH MOISTURIZERS 5250-A Naiman Parkway, Solon, OH 44139 • (888) 567-2206

SECTION 2 – HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

HAZARDOUS CHEMICAL IDENTITY	CAS NO.	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED % (OPTIONAL)
ETHYL ALCOHOL (ETHANOL)	64-17-5	1000 ppm	1000 ppm	OSHA-TWA 1000 ppm

SECTION 3 – PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT: 176°F SPECIFIC GRAVITY (H₂O = 1): 0.886
VAPOR PRESSURE (mm Hg): 40 MELTING POINT: N/A
VAPOR DENSITY (AIR = 1): >1 EVAPORATION RATE (BUTYL ACETATE = 1): >1
SOLUBILITY IN WATER: COMPLETE APPEARANCE AND ODOR: CLEAR COLOR, ALCOHOL ODOR

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 70°F+ (TCC)
EXTINGUISHING MEDIA: CO₂ OR DRY CHEMICAL
FLAMMABLE LIMITS: N/A LEL: 3.3% UEL: 19%
SPECIAL FIRE-FIGHTING PROCEDURES: Approved respirators should be worn. Water spray to cool equipment.
UNUSUAL FIRE AND EXPLOSION HAZARDS: NFPA CODE: BLUE: 1 RED: 3 YELLOW: 0
If heated, vapor may be flammable. Can react vigorously with oxidizing materials.

SECTION 5 – REACTIVITY DATA

CHEMICAL STABILITY: Stable
HAZARDOUS DECOMPOSITION OF BY-PRODUCTS: CO₂ may be formed during combustion.
CONDITIONS TO AVOID: Open flames, sparks, oxidizing agents.
INCOMPATIBILITY (MATERIALS TO AVOID): Oxidizing agents.
HAZARDOUS DEPOLYMERIZATION: Will not occur.
CONDITIONS TO AVOID: None.

SECTION 6 – HEALTH HAZARD DATA

ROUTES OF ENTRY: INGESTION and EYES.
HEALTH HAZARDS (ACUTE AND CHRONIC): None.
CARCINOGENICITY: NO NTP: NO IARC MONOGRAPHS: NO OSHA REGULATED: NO
SIGNS AND SYMPTOMS OF EXPOSURE: Mil eye irritation.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: No medical conditions are known to be aggravated by this product.

EMERGENCY AND FIRST AID PROCEDURES:

INGESTION: DO NOT INDUCE VOMITING. Consult physician.

EYES: Flush with water for 15 minutes. Consult physician.

N/A — NOT APPLICABLE
N/L — NOT LISTED

N/D — NOT DETERMINED

N/E — NONE ESTABLISHED

N/R — NOT REGULATED

SECTION 7 – PRECAUTION FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition. Flush with water.

WASTE DISPOSAL METHOD: Landfill within all local, state and federal laws.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Avoid heat, may build pressure, vapor may be flammable.

OTHER PRECAUTIONS: Keep away from ignition sources.

SECTION 8 – CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE): NONE

VENTILATION:

LOCAL EXHAUST: NONE

MECHANICAL: NONE

SPECIAL: NONE

OTHER: NONE

PROTECTIVE GLOVES: NONE

EYE PROTECTION: YES

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: NONE

WORK/HYGENIC PRACTICES: NORMAL CLEANLINESS