



# 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:** RED LION H.D. CITRUS CLEANER – RTU      **DATE PREPARED:** April 1, 2009  
**PART NUMBER:** 74600      **CHROMATE INDUSTRIAL CORPORATION**  
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**DOT CLASSIFICATION:** None  
**DOT SHIPPING NAME:** None  
**PRODUCT TYPE:** CLEANER      **HAZARD RATING: HEALTH: 1**      **FLAMMABILITY: 0**  
**CHEMICAL FAMILY:** SURFACTANT BLEND      **REACTIVITY: 0**      **PERSONAL PROTECTION: B**

## SECTION 2 – INGREDIENTS INFORMATION

CHEMICAL NAME	CAS NO.	% / WT.	THRESHOLD LIMIT VALUE
NONIONIC SURFACTANT (BLEND)	MIXTURE	TO 5	N/E
TETRAPOTASSIUM PYROPHOSPHATE	7320-34-5	TO 2	N/E
*POTASSIUM HYDROXIDE	1310-58-3	TO 2	2mg/m <sup>3</sup>
ORANGE TERPENE	5989-27-5	TO 2	N/E
WATER	7732-18-5	TO 90	NONE

\*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 – PHYSICAL DATA

**BOILING RANGE (°F):** 212-220°F      **SPECIFIC GRAVITY:** 1.03  
**VAPOR PRESSURE:** N/D      **VAPOR DENSITY:** Same as water  
**% VOLATILE:** 90-92      **pH:** 12-13  
**SOLUBILITY IN WATER:** Complete      **EVAPORATION RATE:** N/A  
**PHYSICAL DESCRIPTION:** Orange Liquid, Orange Fragrance

## SECTION 4 – REACTIVITY DATA

**STABILITY:** Stable  
**HAZARDOUS POLYMERIZATION:** Will Not Occur.  
**INCOMPATIBILITY (MATERIALS TO AVOID):** None  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Normal products of combustion.

## SECTION 5 – FIRE & EXPLOSION HAZARD DATA

**FLASH POINT:** Exceeds 200 °F  
**FLAMMABILITY:** Non-Flammable  
**EXTINGUISHING MEDIA:** Water, CO<sub>2</sub>  
**SPECIAL FIRE FIGHTING PROCEDURES:** Floor may be slippery.  
**UNUSUAL AND EXPLOSION HAZARDS:** None

## SECTION 6 – STORAGE AND HANDLING INFORMATION

**SPECIAL PRECAUTIONS:** *KEEP OUT OF REACH OF CHILDREN.* Use only in well ventilated area. For institutional and industrial use only. For use by trained personnel only. Store and keep in closed container, in a cool place. Avoid freezing.

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

N/D — NOT DETERMINED

N/E — NONE ESTABLISHED

N/R — NOT REGULATED

**SECTION 7 – HEALTH HAZARD DATA**

**EYES:** May cause irritation.

**SKIN:** May cause irritation.

**INHALATION:** May cause irritation to upper tract.

**INGESTION:** May cause irritation of mucous membranes.

**MEDICAL CONDITION AGGRAVATED BY EXPOSURE:** Person with present skin disorder may be more susceptible to irritation.

**EXPOSURE LIMITS:** N/E

**CARCINOGENICITY:**

**NTP:** N/L

**IARC:** N/L

**OSHA:** N/R

**SECTION 8 – FIRST AID PROCEDURE**

**EYES:** Flush with running water for 15 minutes.

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

**INHALATION:** Remove to fresh air.

**INGESTION:** *DO NOT INDUCE VOMITING.* Drink plenty of water. If unconscious or in convulsion, take to hospital or physician.

**SECTION 9 – PRECAUTIONS FOR SAFE HANDLING**

**RESPIRATORY PROTECTION:** No special requirements.

**PROTECTIVE GLOVES:** Chemical resistant.

**VENTILATION:** Good ventilation required.

**EYE CONTACT:** Goggles or Face Shield.

**SECTION 10 – SPILL OR LEAK**

**SPILLAGE:** Dike & contain spill, absorb the liquid.

**DISPOSAL:** Scoop or shovel solid material into a suitable container for recovery or disposal. Area may become slippery. Flush cleaned area with water. Dispose according to local, state and federal requirements.

**OTHER INFORMATION**

**THIS PRODUCT SAFETY DATA SHEET IS OFFERED SOLELY FOR YOUR INFORMATION, CONSIDERATION AND INVESTIGATION. DATA SUPPLIED IS FOR USE ONLY IN CONNECTION WITH OCCUPATION SAFETY AND HEALTH.**