



# MATERIAL SAFETY DATA SHEET

**CHROMATE INDUSTRIAL CORPORATION®**

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**FOR CHEMICAL  
EMERGENCY**

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## SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** STEAM CLEAN  
**PART NUMBER:** 74310, 74311, 74312,  
74313 and 74314

**PRODUCT TYPE:** ALKALINE CLEANER  
**CHEM. FAMILY:** SURFACTANT BLEND

**DATE PREPARED:** March 12, 2009  
**CHROMATE INDUSTRIAL CORPORATION**  
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**DOT SHIPPING NAME:** COMPOUND, CLEANING  
LIQUID (CONTAINS POTASSIUM HYDROXIDE) 8, NA 1760, PG II  
**DOT CLASSIFICATION:** CORROSIVE

## SECTION 2 – INGREDIENTS INFORMATION

HAZARD RATING:	HEALTH: 2	FLAMMABILITY: 0	REACTIVITY: 1	PERSONAL PROTECTION: B
<b>CHEMICAL NAME</b>	<b>CAS #</b>	<b>% / WT.</b>	<b>THRESHOLD LIMIT VALUE</b>	
*2-BUTOXY ETHANOL	111-76-2	TO 5	25ppm	
*POTASSIUM HYDROXIDE	1310-58-3	TO 8	2mg/m <sup>3</sup>	
TETRAPOTASSIUM PYROPHOSPHATE	7320-34-5	TO 5	N/E	
SODIUM METASILICATE	6834-92-0	TO 4	2mg/m <sup>3</sup>	
WATER	7732-18-5	TO 85	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  
**VAPOR PRESSURE:** N/D  
**% VOLATILE:** 83-85  
**SOLUBILITY IN WATER:** Complete  
**PHYSICAL DESCRIPTION:** Purple Liquid, Butyl Odor

**SPECIFIC GRAVITY:** 1.07  
**VAPOR DENSITY:** Same as Water  
**pH:** 13  
**EVAPORATION RATE:** N/A

## SECTION 4 – REACTIVITY DATA

**STABILITY:** Stable  
**HAZARDOUS POLYMERIZATION:** Will Not Occur.  
**INCOMPATIBILITY (MATERIALS TO AVOID):** Strong acids and oxidizers.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Normal products of combustion.

## SECTION 5 – FIRE AND 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 severe irritation.**EXPOSURE LIMITS:** N/E**SKIN:** May cause severe 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.**CARCINOGENICITY:****NTP:** N/L**IARC:** N/L**OSHA:** Not Regulated**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 OF 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.**