



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: STEAM CLEAN HD
PART NUMBER: 74315, 74316, 74317,
and 74318

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: E
CHEMICAL NAME	CAS #	% / WT.	THRESHOLD LIMIT VALUE	
*2-BUTOXY ETHANOL	1310-58-3	TO 20	2mg/m ³	
ETHANOLAMINE	141-43-5	TO 2	3ppm TWA	
PHOSPHATE ESTER	14260-98-1	TO 4	N/E	
SODIUM GLUCONATE	527-07-01	TO 3	N/A	
WATER	7732-18-5	TO 74	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: 80-84
SOLUBILITY IN WATER: Complete
PHYSICAL DESCRIPTION: Fluorescent Liquid, No Odor

SPECIFIC GRAVITY: 1.08
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: N/A
FLAMMABILITY: Non-Flammable
EXTINGUISHING MEDIA: Water, CO₂
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.