



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: RED LION BIG JOB
PART NUMBER: 74235, 74236, 74237, 74238 and 74239
PRODUCT TYPE: ALKALINE CLEANER
CHEM. FAMILY: SURFACTANT BLEND

DATE PREPARED: February 9, 2009
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DOT Hazard Classification: Corrosive
DOT SHIPPING NAME: Compound, Cleaning Liquid
(contains Potassium Hydroxide) 8, NA 1760, PG II

SECTION 2 – INGREDIENTS INFORMATION

HAZARD RATING: HEALTH: 2 **FLAMMABILITY: 0** **REACTIVITY: 1** **PERSONAL PROTECTION: B**

CHEMICAL NAME	CAS NO.	% / WT.	THRESHOLD LIMIT VALUE
*2-BUTOXY ETHANOL	111-76-2	TO 7	25ppmTWA
*POTASSIUM HYDROXIDE	1310-58-3	TO 5	2mg/m3
TRISODIUM PHOSPHATE	10101-89-0	TO 6	N/E
SODIUM METASILICATE	6834-92-0	TO 7	2mg/m3
WATER	7732-18-5	TO 80	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:** 1.06
VAPOR PRESSURE: N/D **VAPOR DENSITY:** Same as Water
% VOLATILE: 84-86 **pH:** 12-13
SOLUBILITY IN WATER: Complete **EVAPORATION RATE:** N/A
PHYSICAL DESCRIPTION: Clear Liquid, Butyl Odor

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 & EXPLOSION HAZARD DATA

FLASH POINT: Exceeds 200 °F
FLAMMABILITY: Non-Flammable
EXTINGUISHING MEDIA: Water, CO₂
SPECIAL FIRE FIGHTING PROCEDURES: Floor may be slippery
UNUSUAL AND EXPLOSION HAZARDS: None

N/A — NOT APPLICABLE
N/L — NOT LISTED

N/D — NOT DETERMINED

N/E — NONE ESTABLISHED

N/R — NOT REGULATED

SECTION 6 – STORAGE & 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.

SECTION 7 – HEALTH HAZARD DATA

EYES: May cause severe irritation.

EXPOSURE LIMITS: N/E

SKIN: May cause severe irritation.

CARCINOGENICITY: **NTP:** Not listed **IARC:** Not listed **OSHA:** Not regulated

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.

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.