



# MATERIAL SAFETY DATA SHEET

## CHROMATE INDUSTRIAL CORPORATION®

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FOR CHEMICAL  
EMERGENCY  
Call Chemtrec day/night:  
1-800-424-9300

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Glass Cleaner Wipes  
RED LION PART NUMBER: 74536  
PRODUCT TYPE: Glass Cleaner  
CHEMICAL FAMILY: N/A

DATE PREPARED: 8/31/01

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### 2. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	% BY WEIGHT	OSHA PEL	ACGIH TLV	EPA 40 CFR:			CAS #
				302	355	372	
Ethyl alcohol	1.00-5.00	1000 ppm	1000 ppm	N	N	N	64-17-5
2 - butoxyethanol	1.00-5.00	25 ppm	20 ppm	Y	N	Y	111-76-2

\* 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.

### 3. HAZARDS IDENTIFICATION

PRIMARY ROUTES OF ENTRY: Inhalation, Eye Contact, Skin Contact, Ingestion  
EFFECTS OF OVEREXPOSURE:

**INHALATION:** None under normal use. Prolonged exposure can be irritating to eyes, nose and respiratory tract.

**INGESTION:** Not expected to be a route of exposure.

**SKIN CONTACT:** Prolonged or repeated exposure may cause irritation. 2-butoxyethal may affect the liver and kidneys and may increase red blood cell hemolysis.

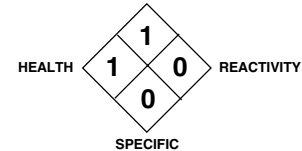
**EYE CONTACT:** May cause mild irritation.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** May aggravate skin disorders or respiratory ailments.

### HAZARD RATINGS

NFR: FLAMMABILITY

HMIS:



### 4. FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES:

**INHALATION:** Remove person to fresh air. If symptoms develop, seek medical attention. Give artificial respiration, if breathing has stopped.

**INGESTION:** Contact physician or poison control center immediately. Do not induce vomiting, unless told to do so by a physician or poison control center.

**SKIN CONTACT:** Flush affected area with water for at least 15 minutes. If irritation persists, obtain medical attention.

**EYE CONTACT:** Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.

### 5. FIRE FIGHTING MEASURES

FLASH POINT (METHOD USE): >200 (concentrate) FLAMMABLE LIMITS: LEL 1.1 UEL 19.0

EXTINGUISHING MEDIA: Water, foam, carbon dioxide, dry chemical.

FIRE FIGHTING PROCEDURES: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self-contained breathing apparatus.

UNUSUAL AND EXPLOSION HAZARDS: None.

### 6. ACCIDENTIAL RELEASE MEASURES

SPILLS OR LEAKS: Ventilate area. Remove all sources and contain spill. Soak up spilled material with inert absorbent material and place in a closed labeled container.

### 7. HANDLING AND STORAGE

Store in a cool dry place away from heat or open flame. Keep container tightly closed when not in use. Ensure strict sanitary conditions are conformed to when working around chemicals. Keep out of reach of children.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**RESPIRATORY PROTECTION:** Use with adequate ventilation. If recommended Exposure Limits are exceeded wear a NIOSH approved respirator, following manufacturer's recommendations.

**VENTILATION:** **LOCAL:** Recommended

**SKIN PROTECTION:** Chemical resistant.

**EYE PROTECTION:** None needed under normal use. Otherwise use safety glasses.

**OTHER EQUIPMENT:** Wear impervious clothing to prevent skin contact.

**EXPOSURE GUIDELINES:** Follow OSHA mandated procedures. Never eat or smoke while working with chemicals. Good housekeeping practices apply. Wash thoroughly after handling.

**ENGINEERING CONTROLS:** No data available.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**BOILING POINT:** N/D

**VAPOR PRESSURE:** N/D

**VAPOR DENSITY (AIR = 1):** N/D

**SOLUBILITY IN WATER:** Soluble

**PERCENT VOLATILE BY VOLUME:** N/D

**APPEARANCE AND ODOR:** White towel impregnated with a clear, pale yellow liquid; fragrant odor

**SPECIFIC GRAVITY (H<sub>2</sub>O = 1):** 0.9859 (concentrate)

**MELTING POINT:** N/A

**pH:** 10.0 (concentrate)

**EVAPORATION RATE (ETHER = 1):** N/D

**FORM:** Towel **VOLATILE COMPONENTS:** N/D

**VOC CONTENT (% by weight):** N/D

**10. STABILITY AND REACTIVITY**

**STABILITY:** Stable

**CONDITIONS TO AVOID:** Keep away from heat, sparks, and open flames.

**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR

**INCOMPATIBILITY (MATERIALS TO AVOID):** Oxidizing agents, reducing agents, acids, bases.

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS:** Thermal decomposition on burning may produce oxides of carbon.

**11. TOXICOLOGICAL INFORMATION**

**EYE:** No data available.

**SKIN:** No data available.

**INGESTION:** No data available.

**INHALATION:** No data available.

**SUBCHRONIC:** No data available.

**CHRONIC CARCINOGENICITY:**

**CARCINOGENICITY:** NTP: No

**ARC MONOGRAPH:** No

**OSHA REGULATED:** No

**TERATOLOGY:** No data available.

**REPRODUCTION:** No data available.

**MUTAGENICITY:** No data available.

**12. ECOLOGICAL INFORMATION**

**ECOTOXICOLOGICAL INFORMATION:** No data available.

**CHEMICAL FATE INFORMATION:** No data available.

**13. DISPOSAL CONSIDERATIONS**

**RCRA HAZARD CLASS:** Not a RCRA Hazardous Waste Material

**WASTE DISPOSAL METHOD:** Consult local environmental authorities.

**14. TRANSPORT INFORMATION**

**TRANSPORTATION REQUIREMENTS (49CFR172-101)**

**D.O.T. CLASSIFICATION:** Unrestricted

**D.O.T. SHIPPING NAME:** Unrestricted

**15. REGULATORY INFORMATION**

**EXPOSURE LIMITS:** No data available.

**16. OTHER INFORMATION**

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in this MSDS. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.

N/D — NOT DETERMINED    N/A — NOT APPLICABLE    N/R — NOT REGULATED

Conforms to 29 CFR 1910.1200, OSHA

ANSI Z129.1 - 1988 American National Standard for Hazardous Industrial Chemicals