



## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Dis-N-Clean™  
**RED LION PART NUMBER:** 74188  
**PRODUCT TYPE:** Foaming Germicidal Cleaner  
**CHEMICAL FAMILY:** N/A

**DATE PREPARED:** 7/26/96

**CHROMATE INDUSTRIAL CORPORATION**  
100 DaVinci Drive, Bohemia, NY 11716 • (888) 567-2206

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

| CHEMICAL NAME                                   | % BY WEIGHT | OSHA PEL      | ACGIH TLV     | STEL | CAS #      |
|---|-------------|---------------|---------------|------|------------|
| Propane   | <5          | 1000 ppm      | 1000 ppm      | N/D  | 74-98-6    |
| Butane  | <5          | 800 ppm       | 800 ppm       | N/D  | 106-97-8   |
| 2-Butoxyethanol                                 | <5          | 25 ppm (skin) | 25 ppm (skin) | N/D  | 111-76-2   |
| n-Alkyl Dimethyl Benzyl Ammonium Chlorides      | .1          | N/D           | N/D           | N/D  | 68391-01-5 |
| n-Alkyl Dimethyl Ethylbenzyl Ammonium Chlorides | .1          | N/D           | N/D           | N/D  | 68956-79-6 |

\* 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, Skin and Eyes  
Exposure may be by inhalation and/or skin or eye contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation and personal protective equipment.

### EFFECTS OF OVEREXPOSURE:

**INHALATION:** Headache and dizziness are indications of excessive exposure to vapors or spray mists.

**SKIN CONTACT:** Irritation. Redness and itching or burning sensation may indicate excessive skin exposure.

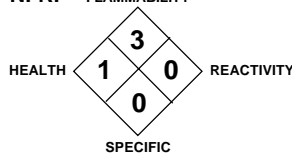
**EYE CONTACT:** Irritation. Redness and itching or burning sensation may indicate eye exposure.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** None generally recognized.

**CHRONIC HEALTH HAZARDS:** No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

## HAZARD RATINGS

**NFR:** FLAMMABILITY



**HMIS:**

|   |              |
|---|--------------|
| 1 | HEALTH       |
| 3 | FLAMMABILITY |
| 0 | REACTIVITY   |
| B | PROTECTION   |

## 4. FIRST AID MEASURES

### EMERGENCY FIRST AID PROCEDURES:

**INHALATION:** If affected, remove from exposure.

**INGESTION:** Drink egg whites, gelatin solution or if these are not available, drink large quantities of water. Seek medical attention.

**SKIN CONTACT:** Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder for re-use.

**EYE CONTACT:** Flush eyes with large amounts of water for 15 minutes. Get medical attention.

## 5. FIRE FIGHTING MEASURES

**FLASH POINT (PROPELLANT):** <0°F **FLAMMABLE LIMITS:** LEL 1.1 UEL 23.5

**EXTINGUISHING MEDIA:** Carbon dioxide, dry chemical, alcohol foam.

**FIRE FIGHTING PROCEDURES:** Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

**UNUSUAL AND EXPLOSION HAZARDS:** Closed containers may explode (due to the build-up of pressure) when exposed to extreme heat.

## 6. ACCIDENTAL RELEASE MEASURES

**SPILLS OR LEAKS:** Remove all sources of ignition. Ventilate and remove with inert absorbent.

## 7. HANDLING AND STORAGE

**SPECIAL PRECAUTIONS:** Contents under pressure. Do not puncture, incinerate or expose to temperatures above 130°F. Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst. Do not take internally. **WARNING:** Keep out of reach of children. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**PRECAUTIONS TO BE TAKEN:** Use only with adequate ventilation. Avoid breathing vapor and spray mist. Avoid contact with skin and eyes.  
Wash hands after using.

**RESPIRATORY:** None generally required.

**SKIN PROTECTION:** PROTECTIVE GLOVES: None required for normal application of aerosol products where minimal skin contact is expected.

**EYE PROTECTION:** None generally required.

**EXPOSURE GUIDELINES:** Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section II is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

**ENGINEERING CONTROLS:** No data available.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

**BOILING POINT:** <0°F to 396°F

**VAPOR DENSITY (AIR = 1):** Heavier than air

**SOLUBILITY IN WATER:** N/D

**PERCENT VOLATILE BY VOLUME:** 96%

**VOLATILE WEIGHT:** 9.19% (less Federally Exempt Solvents)

**APPEARANCE AND ODOR:** White Foam, Mild Pleasant Odor

**PRODUCT WEIGHT:** 8.06 lb./gal.

**SPECIFIC GRAVITY (H<sub>2</sub>O = 1):** 0.97

**MELTING POINT:** N/A

**pH:** 7.0

**EVAPORATION RATE (BUTYL ACETATE = 1):** Faster than ether

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

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**10. STABILITY AND REACTIVITY**

**STABILITY:** Stable **CONDITIONS TO AVOID:** None known.

**HAZARDOUS POLYMERIZATION:** Will not occur

**INCOMPATIBILITY (MATERIALS TO AVOID):** None known.

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS:** By fire: carbon dioxide, carbon monoxide.

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**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:** NTP: Not Listed IARC MONOGRAPH: Not Listed OSHA REGULATED: Not Regulated

**TERATOLOGY:** No data available.

**REPRODUCTION:** No data available.

**MUTAGENICITY:** No data available.

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**12. ECOLOGICAL INFORMATION**

**ECOTOXICOLOGICAL INFORMATION:** No data available.

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

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**13. DISPOSAL CONSIDERATIONS**

**RCRA HAZARD CLASS:** No data available.

**WASTE DISPOSAL METHOD:** Do not contaminate water, food or feed by storage disposal. Open dumping is prohibited. Do not reuse empty container. Wrap container and put in trash collection. Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State and Local regulations regarding pollution.

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**14. TRANSPORT INFORMATION**

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

**D.O.T. CLASSIFICATION:** Consumer Commodity ORM-D

**D.O.T. SHIPPING NAME:** None

**E.P.A. REGISTRATION NUMBER:** 10900-57-54326

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**15. REGULATORY INFORMATION**

**EXPOSURE LIMITS:** No data available.

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**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.

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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