



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: Coil and Filter Cleaner
RED LION PART NUMBER: 74165
PRODUCT TYPE: Cleaner
CHEMICAL FAMILY: N/A

DATE PREPARED: 6/04/03

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2. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	% BY WEIGHT	OSHA PEL	ACGIH TLV	STEL	CAS #
Deionized Water	90-100	N/D	N/D	N/D	7732-18-5

This product is pressurized with nitrogen (7727-37-9).

* 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, Ingestion, Skin, Eyes

EFFECTS OF OVEREXPOSURE:

INHALATION: Inhalation of solvents may cause irritation.

INGESTION: May cause headache, nausea, vomiting and weakness.

SKIN CONTACT: Irritation.

EYE CONTACT: Irritation.

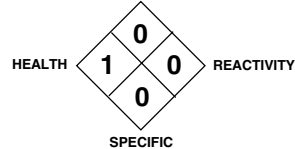
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Dizziness, nausea, and irritation to skin.

HAZARD RATINGS

NFR: FLAMMABILITY

HMS: **1** HEALTH
0 FLAMMABILITY
0 REACTIVITY
B PROTECTION



NFPA 30B RATING: N/D

4. FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES:

INHALATION: Remove to fresh air.

INGESTION: Do not induce vomiting. Get medical attention.

SKIN CONTACT: Wash thoroughly with soap and water.

EYE CONTACT: Flush immediately with plenty of water for at least 15 minutes and get medical attention.

5. FIRE FIGHTING MEASURES

FLASH POINT (TAG CLOSED - CUP): N/A FLAMMABLE LIMITS: LEL N/D UEL N/D

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam.

FIRE FIGHTING PROCEDURES: Water from fogging nozzles may be used to cool closed containers to prevent build-up if exposed to extreme temperatures. Full protective equipment including self-contained breathing apparatus should be worn in a fire involving this material.

UNUSUAL AND EXPLOSION HAZARDS: Heated cans may burst.

HAZARDOUS COMBUSTION PRODUCTS: Hydrocarbon fumes and smoke. Carbon monoxide where combustion is incomplete.

6. ACCIDENTAL RELEASE MEASURES

SPILLS OR LEAKS: Remove all sources of ignition. Use an inert absorbent material, and nonsparking tools. Avoid breathing fumes. Ventilate area. Prevent from entering a watercourse.

7. HANDLING AND STORAGE

SPECIAL PRECAUTIONS: Keep away from heat, sparks or open flame. Store in a cool, well ventilated area not to exceed 50°C. When spraying more than one half can continuously or more than one can consecutively, use NIOSH approved respirator. Keep away from heat, sparks, and open flames.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY: If used indoors on a continuous basis, use of a cartridge type respirator (NIOSH / MSHATC 23c or equivalent) is recommended.

SKIN PROTECTION: None required if spraying.

EYE PROTECTION: Wear eye protection.

OTHER EQUIPMENT: Long sleeve and long pants.

EXPOSURE GUIDELINES: Provide general and/or local exhaust ventilation.

ENGINEERING CONTROLS: Ventilation - local (mechanical if used indoors on a continuous basis).

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: 100 - 110°C

VAPOR PRESSURE PSIG at 20°C: 140 - 150

VAPOR DENSITY (AIR = 1): >1

SOLUBILITY IN WATER: Soluble

PERCENT VOLATILE BY WEIGHT: 98 - 99

APPEARANCE AND ODOR: Dark Green, Mild

SPECIFIC GRAVITY (LIQUID AND AEROSOL): 0.98 - 1.02

MELTING POINT: N/A

FREEZING POINT: >0

pH: 10 - 11

EVAPORATION RATE (BUTYL ACETATE = 1): <1

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

10. STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: High temperatures

HAZARDOUS POLYMERIZATION: Will not occur

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers, strong acids and bases.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Hydrocarbon fumes and smoke. Carbon monoxide where combustion is incomplete.

11. TOXICOLOGICAL INFORMATION

EYE: No data available.

SKIN: No data available.

INGESTION: May cause headache, nausea, vomiting and weakness..

INHALATION: May cause irritation.

SUBCHRONIC: No data available.

CHRONIC CARCINOGENICITY:

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

CALIFORNIA PROPOSITION 65: WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

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: No data available.

WASTE DISPOSAL METHOD: Do not puncture or incinerate containers, even when empty. Dispose of in accordance with local, provincial and federal regulations.

14. TRANSPORT INFORMATION

TRANSPORTATION REQUIREMENTS (49CFR172-101)

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

D.O.T. SHIPPING NAME: None

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