



1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Choke and Carb Cleaner
RED LION PART NUMBER: 74115
PRODUCT TYPE: Aerosol Specialty Product
CHEMICAL FAMILY: N/A

DATE PREPARED: 10/24/03

CHROMATE INDUSTRIAL CORPORATION
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2. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	% BY WEIGHT	OSHA PEL	OSHA STEL	ACGIH TLV	ACGIH STEL	CAS #	VAPOR PRESSURE
Toluene	35	100 ppm (skin)	150 ppm (skin)	50 ppm (skin)	N/A	108-88-3	22mm
Methanol	10	200 ppm (skin)	250 ppm (skin)	200 ppm (skin)	250 ppm (skin)	67-56-1	92mm
Acetone	50	1000 ppm	N/A	500 ppm	750 ppm	67-64-1	180mm
Carbon Dioxide*	5	5000 ppm	N/A	5000 ppm	N/A	124-38-9	N/A

* 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, Eyes

EFFECTS OF OVEREXPOSURE:

INHALATION: Irritation of the upper respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

SKIN CONTACT: Prolonged or repeated exposure may cause irritation.

EYE CONTACT: Irritation.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None generally recognized.

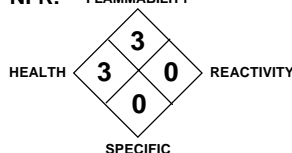
SIGNS AND SYMPTOMS OF OVEREXPOSURE: Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.

CANCER INFORMATION: For complete discussion of toxicology data refer to Section 11.

CHRONIC HEALTH HAZARDS: No ingredient in this product is an IARC, NTP or OSHA listed carcinogen. Prolonged overexposure to solvent ingredients in Section II may cause adverse effects to the liver, urinary, cardiovascular and reproductive systems. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

HAZARD RATINGS

NFR: FLAMMABILITY



HMIS:



4. FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES:

INHALATION: If affected, remove from exposure. Restore breathing. Keep warm and quiet.

INGESTION: Do not induce vomiting. Get medical attention immediately.

SKIN CONTACT: Wash affected area thoroughly with soap and water. Remove contaminated clothing and laundry before re-use.

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

5. FIRE FIGHTING MEASURES

FLASH POINT (METHOD USE): 18 °F TCC **FLAMMABLE LIMITS:** LEL 1.0 UEL 36.5

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam.

SPECIAL 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: Isolate from heat, electrical equipment, sparks and open flame. Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

6. ACCIDENTAL RELEASE MEASURES

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

7. HANDLING AND STORAGE

SPECIAL PRECAUTIONS: Keep away from heat, sparks or open flame. Vapors will accumulate readily and may ignite explosively. During use and until all vapors are gone: Keep area ventilated – Do not smoke – Extinguish all flames, pilot lights and heaters – Turn off stoves, electric tools and appliances, and any other sources of ignition. Consult NFPA Code. Use approved bonding and grounding procedures. Contents under pressure. Do not puncture, incinerate or expose to temperature above 120°F. Heat from sunlight, radiators, stoves, hot water and other heat sources could cause container to burst. Do not take internally. Keep out of the reach of children. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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

RESPIRATORY PROTECTION: If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

EYE PROTECTION: Wear safety spectacles with unperforated sideshields.

PROTECTIVE GLOVES: None reequipped for normal application of aerosol products where minimal skin contact is expected. For long or repeated contact, wear chemical resistant gloves.

EXPOSURE GUIDELINES: Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

OTHER PRECAUTIONS: Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: <0°F to 238°F <-18 - 114°C

VAPOR DENSITY (AIR = 1): Heavier than air

SOLUBILITY IN WATER: N/A

PERCENT VOLATILE BY VOLUME: 100%

VOLATILE WEIGHT: 45.00% (less Federally Exempt Solvents)

APPEARANCE AND ODOR: Clear, Solvent

PRODUCT WEIGHT: 6.86 lb./gal. 822 g/l

SPECIFIC GRAVITY (H₂O = 1): 0.83

MELTING POINT: N/A

pH: N/A

EVAPORATION RATE: Faster than ether

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

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

11. TOXICOLOGICAL INFORMATION

CAS NO.	INGREDIENT NAME	LC50	RAT	4HR	4000 ppm	TERATOLOGY: No data available.
108-88-3	Toluene	LD50	RAT	4HR	5000 mg/kg	REPRODUCTION: No data available.
67-56-1	Methanol	LC50	RAT	4HR	64000 ppm	MUTAGENICITY: No data available.
		LD50	RAT		5630 mg/kg	
67-64-1	Acetone	LC50	RAT	4HR	Not Available	
		LD50	RAT		5800 mg/kg	
124-38-9	Carbon Dioxide	LC50	RAT	4HR	Not Available	
		LD50	RAT		Not Available	

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.

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: Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers. Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State and Local regulations regarding pollution.

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