



MATERIAL SAFETY DATA SHEET



5250-A Naiman Parkway, Solon, OH 44139
888-567-2206 • www.chromate.com

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

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Gasket and Paint Remover
RED LION PART NUMBER: 74150
PRODUCT TYPE: Paint Remover
CHEMICAL FAMILY: N/A

DATE PREPARED: 1/04/07

CHROMATE INDUSTRIAL CORPORATION
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2. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	% BY WEIGHT	OSHA PEL	REL	WEEL	ACGIH TLV	CAS #
Acetone	35.78	2400mg/m ³ , 100ppm	590mg/m ³ , 250ppm	N/D N/D	STV: 1782mg/m ³ , 750 ppm LTV: 1188mg/m ³ , 500 ppm BEI	67-64-1
N-methyl-2-pyrrolidone*	17.19	N/D	N/D	10ppm Skin	N/D	872-50-4
n-Butane	8.14	N/D	1900mg/m ³ , 800 ppm	N/D	N/D	106-97-8
Ethyl lactate	6.41	N/D	N/D	N/D	N/D	97-64-3
Alkyl Quaternary Ammonium Montmorillonite	6.03	N/D	N/D	N/D	N/D	68953-58-2
d-Limonene	4.52	N/D	N/D	30ppm	N/D	5989-27-5

* 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: Has a narcotizing effect. Vapors cause irritation to nose, throat and central nervous system. Symptoms may include dizziness, throat irritation, headache, fatigue and nausea. Intentional misuse by deliberately inhaling the contents may be harmful or fatal.

INGESTION: N/A

SKIN CONTACT: May cause sensitization by skin contact. Vapors cause irritation to skin.

EYE CONTACT: Vapors cause irritation to the eyes. Symptoms may include swelling of eyes.

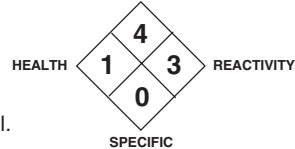
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

May cause permanent brain and nervous system damage. Repeated overexposure can also damage kidneys, lungs, liver, heart, and blood. Intentional misuse by deliberately inhaling the contents may be harmful or fatal.

HAZARD RATINGS

NFR: FLAMMABILITY

HMIS: ① HEALTH



4. FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES:

INHALATION: If breathing is difficult, administer oxygen. Supply fresh air and be sure to call a doctor.

INGESTION: Contact physician or poison control center.

SKIN CONTACT: Immediately wash with soap and water and rinse thoroughly.

EYE CONTACT: Move to fresh air. Rinse opened eye for several minutes after running water. If symptoms persist, consult a doctor.

5. FIRE FIGHTING MEASURES

FLASH POINT: -19°C (-2°F) **IGNITION TEMPERATURE:** 270.0°C (518°F) **FLAMMABLE LIMITS:** LEL 1.3 UEL 10.9

EXTINGUISHING MEDIA: CO₂, sand, extinguishing powder, or water spray. Fight larger fires with water spray or alcohol resistant foam.

FIRE FIGHTING PROCEDURES: Do not spray on a naked flame or any incandescent material. Do not smoke. Protect from electrostatic charges. Keep respiratory protective device available.

UNUSUAL AND EXPLOSION HAZARDS: During heating or in case of fire poisonous gases are produced.

6. ACCIDENTIAL RELEASE MEASURES

PERSONAL SAFETY PRECAUTIONS: Mount respiratory protective device. Wear protective equipment. Keep unprotected persons away.

ENVIRONMENTAL SAFETY PRECAUTIONS: Inform appropriate authorities in case of seepage into water course or sewage system. Do not allow product to reach sewage systems or ground water.

MEASURES FOR CLEANING/COLLECTING: Do not flush with water or aqueous cleansing agents. Use diluted caustic solution. Soak up spills with inert absorbent material. Refer to section 13 for disposal information.

7. HANDLING AND STORAGE

SPECIAL PRECAUTIONS: Extremely flammable liquid and vapor in a pressurized container. Keep away from heat, sparks and flame. Keep out of the reach of children. Observe pressurized container storage regulations. Consult with your local authorities. Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezing conditions. Keep away from foodstuffs and animal feed. Wash hands after use.

N/D — NOT DETERMINED

N/A — NOT APPLICABLE

N/R — NOT REGULATED

STV — SHORT-TERM VALUE

LTV — LONG-TERM VALUE

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY: Use suitable respiratory protective device in case of insufficient ventilation. A respirator is generally not necessary when using this product outdoors or in large open areas. In cases of inadequate ventilation, a respiratory protective device should be worn to prevent overexposure.

SKIN PROTECTION: Protective gloves. The glove material has to be impermeable and resistant to the substance. No glove recommendation can be given.

EYE PROTECTION: Tightly sealed goggles.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: -44°C (-47°F)

VAPOR PRESSURE: 40 PSI, 2750 hPa

VAPOR DENSITY (AIR = 1): N/D

SOLUBILITY IN WATER: 0.4%

MELTING POINT: N/A

PERCENT VOLATILE BY VOLUME: N/A

APPEARANCE AND ODOR: Clear, Solvent

SPECIFIC GRAVITY (H₂O = 1): Between 0.77 and 0.85

pH: N/A

EVAPORATION RATE (BUTYL ACETATE = 1): >1

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

VOC CONTENT: 804.0 g/l 6.71 lb/gal

VOC IN WEIGHT PERCENT (LESS ACETONE): 79.5%

SOLIDS CONTENT: 13.7%

10. STABILITY AND REACTIVITY

STABILITY: Stable at normal temperatures. Can may burst when exposed to temperatures exceeding 120°F. In use, may form flammable/explosive vapour-air mixture.

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: Do not allow the can to exceed 120°F. Stable at normal temperatures.

POSSIBILITY OF HAZARDOUS REACTIONS: No dangerous reactions known.

11. TOXICOLOGICAL INFORMATION

EYE: Irritating effect.

SKIN: Irritant to skin and mucous membranes. Sensitization possible through skin contact.

INGESTION: No data available.

INHALATION: No data available.

SUBCHRONIC: No data available.

CHRONIC CARCINOGENICITY: NTP: Not Listed **IARC MONOGRAPH:** d-limonene **OSHA REGULATED:** Not Regulated

TERATOLOGY: No data available.

REPRODUCTION: No data available.

MUTAGENICITY: No data available.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: This product does not contain any chlorofluorocarbons (CFC's), chlorinated solvents, lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyl (PBB), or polybrominated diphenyl ether (PDBE). No specific ecological data is available for this product.

CHEMICAL FATE INFORMATION: Toxic for fish.

13. DISPOSAL CONSIDERATIONS

RCRA HAZARD CLASS: No data available.

WASTE DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations. Do not puncture, incinerate, or compact.

Partially empty cans must be disposed of responsibly. Do not heat or cut empty containers with electric or gas torches. Empty cans should be recycled.

14. TRANSPORT INFORMATION

HAZARD CLASS: 2.1

ADR/RID CLASS: 2 5F Gases

PACKAGE GROUPS: II

ICAO/IATA CLASS: 2.1

IDENTIFICATION NUMBER: N/A

UN-NUMBER: 1950

EMS NUMBER: F-D, S-U

PROPER SHIPPING NAME:

LABEL: 2.1

IMDG CLASS: 2.1

MARINE POLLUTANT: No

Aerosols, Flammable

Consumer Commodity ORM-D

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