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Material Safety Data Sheet (MSDS)

Balkamp Gasket Remover 16 oz. Aerosol

MATERIAL SAFETY DATA SHEET

Effective Date: none

Revision Date: none

Balkamp Gasket Remover 16 oz. Aerosol

Code: LOC

Page: 1

Section 1 - Product and Company Identification

PRODUCT NAME: Balkamp Gasket Remover 16 oz. Aerosol

MANUFACTURER'S NAME:
Loctite Corporation

EMERGENCY TELEPHONE NUMBER
(203) 571-5100

Rocky Hill, CT 06067

MISCELLANEOUS INFORMATION

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Section 2 - Hazardous Ingredients

Ingredients	CAS No.	%
METHYLENE CHLORIDE*	75-09-2	65-70
ISOPROPYL ALCOHOL	67-63-0	10-15
ISOBUTANE	75-28-5	5-10
PROPANE	74-98-6	5-10
XYLENES*	1330-20-7	5-10
ETHANOL, 2-AMINO-	141-43-5	1-5
Cellulose derivative	9004-65-3	1-5
ETHYL BENZENE*	100-41-4	1-5
Fatty acid diethanolamide	68604-35-3	1-5
STODDARD SOLVENT	8052-41-3	1-5

* This component is listed as a SARA Section 313 Toxic Chemical.

Ingredients which have exposure limits

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
METHYLENE CHLORIDE 174 mg/m3 1000ppm ceiling	50 ppm TWA	500 ppm TWA	None
ISOPROPYL ALCOHOL 983 mg/m3 980 mg/m3	400 ppm TWA	400 ppm TWA	None
PROPANE 1800 mg/m3	Asphyxiant	1000 ppm	None
XYLENES 434 mg/m3 435 mg/m3	100 ppm TWA	100 ppm TWA	None
ETHANOL, 2-AMINO- 7.5 mg/m3 8 mg.m3	3 ppm	3 ppm	None
ETHYL BENZENE 434 mg/m3 435 mg/m3	100 ppm	100 ppm	None
STODDARD SOLVENT 525 mg/m3 525 mg/m3	100 ppm	100 ppm	None

Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)
METHYLENE CHLORIDE	50 ppm TWA	500 ppm TWA
ISOPROPYL ALCOHOL	400 ppm TWA	400 ppm TWA
PROPANE	Asphyxiant	1000 ppm
XYLENES	100 ppm TWA	100 ppm TWA
ETHANOL, 2-AMINO-	3 ppm	3 ppm
ETHYL BENZENE	100 ppm	100 ppm
STODDARD SOLVENT	100 ppm	100 ppm

METHYLENE CHLORIDE in 3 hours	None	300ppm 5minutes
ISOPROPYL ALCOHOL 1230 mg/m3	500 ppm	500 ppm
1225 mg/m3		
XYLENES 651 mg/m3	150 ppm	150 ppm
655 mg/m3		
ETHANOL, 2-AMINO- 15 mg/m3	6 ppm	6 ppm
15 mg/m3		
ETHYL BENZENE 543 mg/m3	125 ppm	125 ppm
545 mg/m3		

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Section 3 - Hazards Identification

Toxicity: Harmful or fatal if swallowed. Eye, skin, and upper respiratory tract irritant. Vapors are anesthetic in high concentrations. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage, also kidney and liver damage.
Primary Routes of Entry: Inhalation, ingestion, skin contact.
Signs and symptoms of Exposure: Headache, nausea, dizziness, light headedness, staggering gait, giddiness.
Existing Conditions
Aggravated by Exposure: Methylene chloride: Cardiovascular problems.

Literature Referenced Ingredients OSHA	Target Organ and Other Health Effects	Carcinogen NTP IARC
METHYLENE CHLORIDE	AC2 CNS IRR LIV	YES 2B NO
ISOPROPYL ALCOHOL	ALG CNS IRR	NO N/A NO
ISOBUTANE	CAR CNS LUN	NO NO NO
PROPANE	CAR CNS IRR	NO NO NO
XYLENES	CAR CNS IRR KID LIV	NO NO NO
ETHANOL, 2-AMINO- Cellulose derivative	IRR KID LIV No Data	NO NO NO NO NO NO
ETHYL BENZENE	CNS IRR	NO NO NO
Fatty acid diethanolamide	No Data	NO NO NO
STODDARD SOLVENT	CNS IRR	NO NO NO

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Abbreviations

N/A Not Applicable 2B Possibly carcinogenic to humans
AC2 ACGIH suspected human carcinogen ALG Allergen
CAR Cardiac CNS Central nervous system
IRR Irritant KID Kidney
LIV Liver LUN Lung

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Section 4 - First Aid Measures

Ingestion: Do not induce vomiting. Call physician.
Inhalation: Remove to fresh air. If symptoms persist, obtain medical attention.
Skin Contact: Wash with soap and water.
Eye Contact: Flush with water for 15 minutes. Obtain medical attention.

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Section 5 - Firefighting Measures

Flash Point: Less than -20 Deg. F (Propellant) Method: Tag open cup Recommended
Extinguishing Agents: Carbon dioxide, foam, dry chemical

Hazardous Products formed
by Fire or Thermal Decomp Oxides of carbon, hydrogen chloride, carbonyl
chloride
Unusual Fire or
Explosion Hazards: Do not spray near open flame or heated surfaces.

Explosive Limits:
(% by volume in air) Lower Xylene: 1.1%
Ethylbenzene: 1.2%
Propane: 2.3%
Isopropyl alcohol: 2.0%
2-Aminoethanol: 5.5 %
Stoddard solvent: 1.0 %
Isobutane: 1.8%
(% by volume in air) Upper Xylene: 3.7%
Ethylbenzene: 6.7%
Propane: 9.5%
Isopropyl alcohol: 12.7 %
2-Aminoethanol: Not available
Stoddard solvent: 3.9%
Isobutane: 8.4%

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Section 6 - Environmental Release Measures

Steps to be taken in case
of spill or leak: Remove source of ignition. Ventilate area well.
Soak up with an inert absorbent. Store in a
partially filled, closed container until disposal.

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Section 7 - Handling and Storage

Safe Storage: Do not store above 120 Deg. F. Do not expose to direct
sunlight.

(Contact Loctite Customer Service 1-800-243-4874 for shelf Life information)

Handling: Do not spray near open flame or heated surfaces.
Keep away from eyes. Avoid prolonged skin contact.
Avoid prolonged breathing of vapors.

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Section 8 - Exposure Controls/Personal Protection

Eyes: Safety glasses or goggles.
Skin: Rubber or plastic gloves.
Ventilation: Provide adequate ventilation to maintain vapor
concentration below TLV.

See Section 2 for Exposure Limits.

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Section 9 - Physical and Chemical Properties

Appearance: Clear liquid spray
Odor: Mild
Boiling Point: Less than 0.0 Deg. F (Propellant)
pH: Does not apply
Solubility in Water: Insoluble
Specific Gravity: Not available
Volatile Organic Compound
(EPA Method 24) Not available
Vapor Pressure: Not available
Vapor Density: Heavier than air
Evaporation Rate
(Ether = 1) More than 1

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Section 10 - Stability and Reactivity

Stability: Stable
Hazardous Polymerization: Will not occur
Incompatibility: Active metals.

hazardous decomposition
Products (non-thermal): None

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Section 11 - Toxicological Information

See Section 3.

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Section 12 - Ecological Information

No data available

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Section 13 - Disposal Considerations

Recommended methods of disposal: Dispose following EPA and local regulations for handling pressurized containers. Do not incinerate cans still under pressure.

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Section 14 - Transport Information

DOT (49 CFR 172)
Domestic Ground Transport
Proper Shipping Name: Consumer Commodity
Hazard Class or Division: ORM-D
Identification Number: None
Marine Pollutant: None
IATA
Proper Shipping Name: Aerosols, flammable, n.o.s. containing substances in Division 6.1, Packing Group III
Class or Division: Division 2.1, Subsidiary risk 6.1
UN or ID Number: UN 1950

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Section 15 - Regulatory Information

CA Proposition 65: Warning: This product contains a chemical known to the State of California to cause cancer, birth defects or other reproductive harm. Methylene Chloride and trace Benzene and Toluene in the Xylene.

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Section 16 - Other Information

Estimated NFPA(R) Code:
Health Hazard: 3
Fire Hazard: 4
Reactivity Hazard: 1
Specific Hazard: Does not apply

Estimated HMIS(R) Code:
Health Hazard: 3*
Flammability Hazard: 4
Reactivity Hazards: 1
Personal Protection: See Section 8.

NFPA is a registered trademark of the National Fire Protection Assn.
HMIS is a registered trademark of the National Paint and Coatings Assn.

Prepared By: Stephen Repetto
Title: Research Chemist, Health and Safety
Company: Loctite Corp., 1001 Tr Br Cr, Rocky Hill CT 06067
(24hr.) Phone: (860) 571-5100
Revision Date: January 22, 1996 Revision: 0015

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