

500-1

MATERIAL SAFETY DATA SHEET

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I. PRODUCT IDENTIFICATION

Product Name: Gasket Remover
 Item No.: 81110
 Product Type: Solvent
 Formula No.: Does not apply

II. COMPOSITION

Ingredients	CAS No.	%
METHYLENE CHLORIDE*	75-09-2	70-75
PROPANE	74-98-6	15-20
ISOBUTANE	75-28-5	7-10
METHYL ALCOHOL*	67-56-1	3-5

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

III. CHEMICAL AND PHYSICAL PROPERTIES

Vapor Pressure: 380 mm at 72°F
 Vapor Density: 2.9
 Solubility in Water: Slight
 Specific Gravity: 1.3 at 70°F
 Boiling Point: Approximately 100°F
 Volatile Organic Compound (EPA Method 24): 782 grams per liter less exempt compounds
 1287 grams per liter, exempt compounds included (Base only)
 Evaporation Rate (Ether = 1): Not available
 pH: Does not apply
 Appearance: Clear liquid
 Odor: Pungent

IV. FLAMMABILITY AND EXPLOSIVE PROPERTIES

Flash Point: Propellants: Approximately 49°F
 Base: Not Available Method: Tag Open Cup
 Estimated NFPA Code:
 Health Hazard: 2
 Fire Hazard: 4
 Reactivity Hazard: 1
 Specific Hazard: Does not apply
 Estimated HMIS Code:
 Health Hazard: 2*
 Flammability Hazard: 4
 Reactivity Hazard: 1
 Personal Protection: See Section X.
 Explosive Limits:
 (% by volume in air) Lower 12% Methylene chloride
 6% Methanol
 2% Propellants
 (% by volume in air) Upper 19% Methylene chloride
 36% Methanol
 10% Propellants
 Recommended Extinguishing Agents: Carbon dioxide, foam, dry chemical
 Hazardous Products Formed by Fire or Thermal Decomp: Toxic Chlorides
 Unusual Fire or Explosion Hazards: Cans may rupture in fires.
 Compressed Gases: Propane/isobutane
 Pressure at Room Temp.: 50-60 psi

V. SPILL OR LEAK AND DISPOSAL PROCEDURES

Steps to be taken in case of spill or leak: Allow to evaporate with good ventilation.
 Recommended methods of disposal: Follow EPA and local regulations for disposal of chlorinated hydrocarbons. Do not incinerate cans still under pressure.

VI. STORAGE AND HANDLING PROCEDURES

Storage: Do not store near heat or flame.
 Handling: Avoid prolonged breathing of vapor. Keep away from eyes. Avoid prolonged skin contact.

See MSDS

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Product Name: Gasket Remover
Item No.: 81110VII. SHIPPING REGULATIONS

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: Class 2.1 Subsidiary Risk 6.1

UN or ID Number: UN 1950

VIII. REACTIVITY DATA

Stability: Stable

Hazardous Polymerization: Will not occur.

Hazardous Decomposition

Products (non-thermal): None

Incompatibility: Active metals

IX. EMERGENCY TREATMENT PROCEDURESIngestion: Induce vomiting only if individual is conscious.
Obtain medical attention.Inhalation: Remove to fresh air. If symptoms persist, obtain
medical attention.

Skin Contact: Wash with soap and water.

Eye Contact: Flush at least 15 minutes with water. Obtain
medical attention.X. PERSONAL PROTECTION

Eyes: Safety glasses or goggles.

Skin: Rubber or plastic gloves.

Ventilation: Provide adequate local ventilation to maintain
vapor concentration below TLV.XI. HEALTH HAZARD DATAToxicity: Eye irritant. Skin irritant. Moderately toxic
by ingestion or inhalation.

Primary Routes of Entry: Estimated dermal LD50 more than 2000 mg/kg.

Signs and Symptoms
of Exposure: Inhalation, ingestion, contact.Existing Conditions
Aggravated by Exposure: Headache, nausea, dizziness. Narcosis at high
concentrations.Existing Conditions
Aggravated by Exposure: None knownExposure Limits (TWA) ACGIH OSHA OTHER
Ingredients (TLV) (PEL)METHYLENE CHLORIDE 50 ppm TWA 500 ppm TWA None
174 mg/m³ 1000ppm ceilingPROPANE Asphyxiant 1000 ppm None
1800 mg/m³METHYL ALCOHOL 200ppm TWA skin 200ppm TWA skin None
262 mg/m³ skin 262 mg/m³ skinExposure Limits (STEL) ACGIH OSHA
Ingredients (TLV) (PEL)METHYLENE CHLORIDE None 300ppm 5minutes
in 3 hoursMETHYL ALCOHOL 250 ppm skin 250 ppm skin
328 mg/m³ skin 325 mg/m³ skinIngredients for which no Exposure Limits have been established are not
listed above.

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen		
		NTP	IARC	OSHA
METHYLENE CHLORIDE	AC2 EYE IRR LIV MET MUT NER	YES	2B	NO
PROPANE	HRT NER	NO	NO	NO
ISOBUTANE	HRT LUN NER	NO	NO	NO
METHYL ALCOHOL	EYE GAS IRR NER REP TER	NO	NO	NO

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Product Name: Gasket Remover
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Abbreviations

2B	Possibly carcinogenic to humans	AC2	ACGIH suspected human carcinogen
EYE	Eyes	GAS	Gastrointestinal
HRT	Heart	IRR	Irritant
LIV	Liver	LUN	Lung
MET	Metabolic	MUT	Mutagen
NER	Nervous System	REP	Reproductive
TER	Teratogenic		

XII. PREPARATION INFORMATION

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