

SAF-T-LOK

International Corporation

Material Safety Data Sheet

GASKET OFF

Issue Date: 19/11/2007

SECTION I - PRODUCT AND COMPANY INFORMATION

Product Name: GOA-14 GASKET OFF
Product Type: Gasket Remover
Part Numbers: **85456**
Hazard Rating: Health: 1 Fire: 4 Reactivity: 0

Company Identification: SAF-T-LOK International Corporation
300 EISENHOWER LANE NORTH
LOMBARD, IL 60148

Contact: Helen Sherry
Telephone/ Fax: (630) 495-2001
Emergency Phone (24 Hour): (703) 527-3887
Chemtrec (24 Hour): (800) 424-9300
Preparer: Ind. Hygiene Department
Internet: www.saftlok.com

Product Class: Mixture
DOT Hazard Class: Aerosols
Shipping Name: Flammable Gas

SECTION II - INGREDIENT AND HAZARD INFORMATION

Components	CAS#	OSHA PEL	ACGIH TLV	Percent
Dichloromethane	75-09-2	25 ppm	25 ppm	80
Methyl Alcohol	67-56-1	200 ppm	200 ppm	5
Propane / Isobutane / N-Butane	68476-86-8	800 ppm	1000 ppm	15

SECTION III - HAZARD IDENTIFICATION AND EMERGENCY OVERVIEW

EMERGENCY OVERVIEW

Physical appearance:	Aerosol	<u>HMIS</u>	Health:	1
			Flammability:	4
			Reactivity:	0
			Personal Protection:	B

WARNING; MAY CAUSE: EYE IRRITATION
SKIN IRRITATION
RESPIRATORY TRACT IRRITATION
MAY IRRITATE EXISTING ALLERGIC SKIN CONDITIONS

Relative routes of entry: Skin, Inhalation, Eyes

Skin Contact: Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

Eye Contact: Liquid, aerosols, and vapors of this product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and / or a feeling like that of fine dust in the eye.

Respiratory/ Inhalation: Dizziness, Headache, Nausea, decreased blood pressure, changes in heart rate and cyanosis may result from over-exposure to vapor or skin exposure.

Ingestion: This material may be harmful or fatal if swallowed. May cause severe and permanent damage to mouth, throat and stomach.

Medical conditions generally aggravated by exposure: Liver and Kidney disease, Anemia, Coronary disease

SECTION IV – FIRST AID INSTRUCTIONS

Skin Contact: Remove contaminated clothing. Wash affected area with soap and rinse with plenty of water. Get medical attention if symptoms occur. Wash clothing before reuse.

Eye Contact: Flush with water for at least 15 minutes holding eyelid open. Get medical attention if symptoms persist.

Respiratory / Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

Ingestion: Do not induce vomiting. Get medical attention immediately. Give victim a glass of water or milk. Never give anything by mouth to an unconscious person.

SECTION V – FIRE FIGHTING INSTRUCTIONS

Flash Point:	-156°F (Estimate.)
Unusual Fire and Explosion Hazards:	Closed containers may explode from internal pressure build-up when exposed to extreme heat and discharge contents. Vapors can travel to a source of ignition and flash back.
Flammable Limits:	LEL: 1.8, UEL: 36
Extinguishing Media:	Carbon Dioxide, Foam, Dry Chemicals, Water fog
Fire Fighting Procedures:	Air mask, goggles, and procedures for fighting chemical fires

SECTION VI -ACCIDENTAL RELEASE MEASURES

Special Precautions:	Avoid breathing vapors. Ventilate area. Remove all sources of ignition.
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Clean up methods:	Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.
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SECTION VII - HANDLING AND STORAGE

Handling:	Avoid contact with eyes, skin, and clothing. Avoid breathing vapors. Wash hands thoroughly at mealtime and end of shift.
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Storage:	Store in a cool location (60-90°F) in a well ventilated area away from sources of heat. Do not puncture or Incinerate (burn) cans. Do not stick pin, nail or any other sharp object into opening on top of can. Do not spray in Eyes.
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Personal Protection:	Wear personal protective equipment as outlined in Section VIII of this MSDS.
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SECTION VIII – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Respiratory Protection:	A NIOSH / MSHA approved air purifying respirator with an Organic vapor cartridge may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.
Skin Protection:	Use impermeable gloves (neoprene, butyl rubber, natural rubber), as necessary to avoid skin contact, as well as proper clothing or plastic apron. Wash hands before eating, drinking, or using restroom.
Eye Protection:	None under normal use, however, use of safety glasses with splash guards or full face shield is recommended.
Eye Washes:	Eye wash stations should be located within 100 feet or 10 second walk of the work area.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Aerosol
Odor:	Solvent
Boiling Point:	-43°F – 149°F
Freeze Point:	32°F
Specific Gravity:	0.9776
Vapor Density (Air = 1):	Heavier than air
Vapor Pressure (mm Hg.):	80 - 90
pH:	N/A
Melting Point:	N/A
Evaporation Rate:	Faster than Butyl Acetate
Solubility in Water:	Complete
Volatile Organic Compounds (VOC):	1.97 lbs / gal , 236 grams / ltr

SECTION X –STABILITY AND REACTIVITY

Stability:	Stable under normal storage conditions
Hazardous Polymerization:	Will not occur.
Hazardous decomposition byproducts:	Oxides of carbon, oxides of nitrogen, and may produce forms of chloride, chlorine, and phosgene
Incompatibility:	Strong acids, alkalis, oxidizers, and amines

SECTION XI – TOXICOLOGICAL INFORMATION

Product LD 50: 1600 mg / kg	Product LC50: 65658 ppm	
Component Toxicological Information:		
CHEMICAL NAME	LD50	LC50
Dichloromethane	1600 MG / KG / RAT	52000 MG/M3/RAT
Propane / Isobutane / N-Butane	NE	658000 MG/M3/4HRAT
Methyl Alcohol	5628 MG / KG / RAT	86000 MG/M3/HUMAN

SECTION XII – ECOLOGICAL INFORMATION

No Information

SECTION XIII – DISPOSAL CONSIDERATIONS

Recommended method of disposal: Dispose of according to Federal, State and local regulations.

SECTION XIV – SHIPPING AND TRANSPORTATION INFORMATION

U.S. Department of Transportation Ground (49 CFR)	
Proper Shipping Name:	Aerosol / Consumer Commodity
Hazard Class or Division:	Flammable Gas/ ORM-D
Identification Number:	UN 1950

SECTION XV – REGULATORY INFORMATION

CERCLA – SAFA HAZARD CATEGORY:

This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARAA Title III) and is considered, under applicable definitions, to meet the following categories:

IMMEDIATE HEALTH HAZARD CHRONIC HEALTH HAZARD FIRE HAZARD REACTION HAZARD
PRESSURIZED GAS HAZARD

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

CHEMICAL NAME	CAS NUMBER	WT/WT % IS LESS THAN
Dichloromethane	75-09-2	80
Methyl Alcohol	67-56-1	5

CALIFORNIA PROPOSITION 65:

The chemical noted below and contained in this product is known to the state of California to cause cancer, birth defects or other reproductive harm:

Dichloromethane CAS Number 75-09-2

SECTION XVI – OTHER INFORMATION

Revision date: 11/19/07

DISCLAIMER: The information on this material safety data sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this data sheet or which involves using the product in combination with any other product or any other process is the responsibility of the user. SAF-T-LOK International Corporation specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of SAF-T-LOK International Corporation products.