

US DEPARTMENT OF LABOR

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

MATERIAL SAFETY DATA SHEET

SECTION I - GENERAL DATA

MANUFACTURER:	PRODUCT NAME: MOLD RELEASE
LOES ENTERPRISES INC.	PRODUCT NUMBER: MRV1000 IPA
1457 IGLEHART AVE.	CHEMICAL FAMILY: FLUOROTELOMER MIXTURE
ST.PAUL,MN. 55104	
EMERGENCY 24 HOUR #	HAZARD RATINGS:
CHEM-TEL, INC.	HEALTH:2
1-800-255-3924	FIRE:3
	REACTIVITY:0

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	CAS#	OSHA-PEL	ACGIH-TLV
Isopropyl Alcohol	67-63-0	400 ppm	400 ppm

SECTION III- PHYSICAL DATA

BOILING POINT: at 760mm Hg. (liquid)	82C
VAPOR PRESSURE (mm Hg. at 20deg.C):	33
VAPOR DENSITY (AIR = 1):	2.07
SPECIFIC GRAVITY:	0.86
PERCENT VOLATILE : by weight	90%
SOLUBILITY IN WATER:	IPA IS SOLUBLE THE POLYMER IS NOT
EVAPORATION RATE (BUTYL ACETATE = 1):	IPA = 1.7
APPEARANCE AND ODOR:	TRANSLUCENT LIQUID CHARACTERISTIC ODOR

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT-TCC 11-12C	FLAMMABLE LIMITS LEL:UEL 2 : 12.7 @200F
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EXTINGUISHING MEDIA: Foam, carbon dioxide, dry chemical for combustibles in area
SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus and standard fire fighting protective clothing. keep personnel removed & upwind of the fire.

UNUSUAL FIRE & EXPLOSION HAZARDS: FLAMMABLE LIQUID. Vapor may form an explosive mixture with air. Heating can release vapors which may travel to an ignition source and flash back.

N/A = NOT APPLICABLE N/D = NOT DETERMINED

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SECTION V - REACTIVITY DATA

STABILITY: Stable
HAZARDOUS POLYMERIZATION: Will not occur
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide, carbon monoxide,
hydrogen fluoride, & hydrogen chloride

CONDITIONS TO AVOID: Excessive heat, poor ventilation
INCOMPATIBILITY: strong oxidizers, concentrated
nitric & sulfuric acids, aldehydes, halogens, aluminum, amines

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SECTION VI - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILL: Eliminate all ignition sources.
Ground handling equipment to prevent sparking. Dike area to contain
spill. Salvage as much as possible for reuse. Use absorbant to clean
up remainder or small spills.

WASTE DISPOSAL METHOD: In accordance with local, state, and federal
regulations

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SECTION VII - HEALTH DATA

ROUTES OF ENTRY: Eyes: possible Skin: possible
Inhalation: most likely Ingestion: not likely

EFFECTS OF OVEREXPOSURE: EYES - May cause irritation
SKIN - May cause irritation, defatting, or dermatitis
INHALATION - May cause irritation of respiratory tract, narcosis,
headaches, nausea, dizziness, fatigue or unconsciousness.
INGESTION - May cause nausea, cramps, and diarrhea

Do not smoke contaminated tobacco products. It might cause polymer
fume fever, a flu-like condition which occurs several hours after
exposure and subsides within 24 hours. Polymer fume fever does not
cause permanent injury and effects are not cumulative.

FIRST AID: EYES - Immediately flush with plenty of water. Get
medical attention.

SKIN - Remove contaminated clothing and launder before reusing.
Wash affected area with plenty of soap and water.

INHALATION - Remove to fresh air. If necessary, give artificial
respiration. Get medical attention.

INGESTION - Do not induce vomiting and dilute by drinking water.
Never give liquids to an unconscious person. Get medical attention.

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SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NIOSH/MSHA approved respirator suitable for concentrations and types of air contaminants encountered
VENTILATION: Local mechanical exhaust ventilation recommended
GLOVES: Impervious (neoprene)
EYE PROTECTION: Chemical goggles/glasses
OTHER EQUIPMENT: Safety shower and/or eye wash station

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SECTION IX - SPECIAL PRECAUTIONS

HANDLING AND STORAGE PRECAUTIONS: Keep container air tight in a dry area away from heat and water when not in use. Practice "good" industrial housekeeping and hygiene.

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SECTION X - ADDITIONAL INFORMATION

This product contains the following toxic chemical category(ies) subject to the reporting requirements of SARA Title III Sect. 313 (max percent by weight)

N/A

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