

MATERIAL SAFETY DATA SHEET

MSDD6H30 0.12 0 0 c 0.12 0 0 c 0.72 0 0 c 0.405(T)-2.40969()T41.28096'

KEEP OUT OF REACH OF CHILDREN.

Section 8 -- EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION (SPECIFY TYPE): In confined poorly ventilated areas, use NIOSH/MSHA approved air purifying or supplied air purifying or supplied air respirators.

VENTILATION - LOCAL EXHAUST: Acceptable

SPECIAL: Explosion-proof equipment.

MECHANICAL (GENERAL): Preferable

OTHER: N/A

PROTECTIVE GLOVES: Wear rubber gloves.

EYE PROTECTION: Chemical splash goggles (ANSI Z-87.1 or equivalent)

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Coveralls recommended.

WORK/HYGIENIC PRACTICES: Where use can result in skin contact, wash exposed areas thoroughly before eating, drinking, smoking, or leaving work area. Launder contaminated clothing before reuse.

Section 9 -- PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: 151 F (66 C) @ 760mm Hg

SPECIFIC GRAVITY (H2O = 1): 0.93

VAPOR PRESSURE (mm Hg): 140 @ 68 F (20 C)

MELTING POINT: N/A

VAPOR DENSITY (AIR = 1): 2.5

EVAPORATION RATE (ETHYL ACETATE = 1): 6

APPEARANCE/ODOR: Clear or Gray Liquid/Pungent Odor

SOLUBILITY IN WATER: Soluble

Section 10 -- STABILITY AND REACTIVITY

STABILITY: Can form potentially explosive peroxides upon long standing in air.

CONDITIONS TO AVOID: Heat, sparks, open flames, and strong oxidizing, acidic and basic conditions.

INCOMPATIBILITY (MATERIALS TO AVOID): Oxidizers, acids and bases.

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO2, HCl and fragmented hydrocarbons.

HAZARDOUS POLYMERIZATION: Will not occur.

Section 11 -- TOXICOLOGY INFORMATION

CHRONIC HEALTH HAZARDS

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen. Tetrahydrofuran - The National Toxicology Program has reported that exposures of mice and rats to THF vapor levels up to 1800 ppm 6hr/day, 5 days/week for their lifetime caused an incidence of kidney tumors in male rats and liver tumors in female mice. The significance of these findings for human health are unclear at this time, and may be related to "species specific" effects. Elevated incidences of tumors in humans have not been reported for THF.

TOXICOLOGY DATA

Ingredient Name

Methyl Ethyl Ketone

Oral-Rat LD50:2737 mg/kg

Inhalation-Rat LC50:23,500 mg/m3/8H

Tetrahydrofuran

Oral-Rat LD50:1650 mg/kg
Inhalation-Rat LC50:21,000 ppm/3H

Cyclohexanone

Oral-Rat LD50:1535 mg/kg
Inhalation-Rat LC50:8000 ppm/4H

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Section 12 -- Ecological Information

ECOLOGICAL DATA

Ingredient Name

Methyl Ethyl Ketone

Food Chain Concentration Potential: None
WATERFOWL TOXICITY: N/A
BOD: 214%
AQUATIC TOXICITY: 5640 mg/l/48 hr/bluegill/TLm/fresh water

Tetrahydrofuran

Food Chain Concentration Potential: None
WATERFOWL TOXICITY: N/A
BOD: N/A
AQUATIC TOXICITY: N/A

Cyclohexanone

Food Chain Concentration Potential: None
WATERFOWL TOXICITY: N/A
BOD: N/A
AQUATIC TOXICITY: N/A

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Section 13 -- DISPOSAL CONSIDERATIONS

Waste Classification: RCRA classified hazardous waste. Dispose of absorbed materials and liquid waste in approved, controlled incineration facility in accordance with all local, state and federal regulations.

Disposal Method: Incineration
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Section 14 -- TRANSPORTATION INFORMATION

DOT: Adhesives, Class 3, UN 1133, PG II, ERG#127.

Quarts and less: Consumer Commodity, ORM-D

OCEAN (IMDG): Adhesives, Class 3, UN 1133, PG II, IMDG#3174, EMS#3-05, MFAG#330

Quarts and less: Adhesives, Class 3, UN 1133, PG II, Limited Quantities or Ltd Qty

AIR (IATA): Adhesives, Class 3, UN 1133, PG II, ERG#127

WHMIS (CANADA): Class B-2
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Section 15 -- REGULATORY INFORMATION

REGULATORY DATA

Ingredient Name

Methyl Ethyl Ketone

SARA 313	Yes
TSCA Inventory	Yes
CERCLA RQ	5,000 lb.
RCRA Code	U159

Tetrahydrofuran

	SARA 313	No
	TSCA Inventory	Yes
	CERCLA RQ	1,000 lb.
	RCRA Code	U213
Cyclohexanone		
	SARA 313	No
	TSCA Inventory	Yes
	CERCLA RQ	5,000 lb.
	RCRA Code	U057

Section 16 -- OTHER INFORMATION

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). The information herein is given in good faith, but no warranty, expressed or implied is made. Consult RectorSeal for further information: (713) 263-8001