

HAARTZ-MASON, INC. -- N-450-9 THINNER/CLEANER -- 6850-01-292-5188

===== Product Identification =====

Product ID:N-450-9 THINNER/CLEANER

MSDS Date:12/01/1989

FSC:6850

NIIN:01-292-5188

MSDS Number: BQMLM

=== Responsible Party ===

Company Name:HAARTZ-MASON, INC.

Address:270 PLEASANT STREET

Box:322

City:WATERTOWN

State:MA

ZIP:02172

Country:US

Info Phone Num:617-926-2300

Emergency Phone Num:617-926-230

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CAGE:84697

=== Contractor Identification ===

Company Name:HAARTZ-MASON, INC.

Address:270 PLEASANT STREET

Box:322

City:WATERTOWN

State:MA

ZIP:02172

Country:US

Phone:617-926-2300

CAGE:84697

===== Composition/Information on Ingredients =====

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA III)

CAS:1330-20-7

RTECS #:ZE2100000

Fraction by Wt: 50.0%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:100 PPM/150 STEL

ACGIH TLV:100 PPM/150STEL;9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)  
CAS:78-93-3  
RTECS #:EL6475000  
Fraction by Wt: 50.0%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:200 PPM/300 STEL  
ACGIH TLV:200 PPM/300STEL 9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

===== Hazards Identification =====

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 2737 MG/KG (MEK)  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:FLAMMABLE! HARMFUL OR FATAL IF  
SWALLOWED. EYE AND SKIN IRRITANT. MAY CAUSE INJURY TO EYES.  
INHALATION: RESPIRATORY TRACT IRRITANT AND ANESTHETIC, MAY CAUSE  
NARCOSIS IN HIGH CONCENTRATION. CAUSES CNS DEPRESSION.  
Effects of Overexposure:EYES:SEVERE IRRITATION, REDNESS, INJURY.  
SKIN:IRRITATION. INHALATION: COUGHING, UNCONSCIOUSNESS, NARCOSIS ,  
CNS DEPRESSION. INGEST:NAUSEA, VOMITING, LIVER AND/OR KIDNEY  
DAMAGE.  
Medical Condition Aggravated by Exposure:ANY ALLERGY, ECZEMA, SKIN  
CONDITION, PRE-EXISTING LIVER AND KIDNEY DISORDERS.

===== First Aid Measures =====

First Aid:INHALATION: REMOVE TO FRESH AIR. GIVE CPR IF NOT BREATHING.  
GET MEDICAL ATTENTION IMMEDIATELY. EYE: IMMEDIATELY FLUSH WITH  
WATER FOR 15 MINUTES WHILE HOLDING EYELID. GET MEDICAL ATTENTION  
IMMEDIATELY. SKIN: WASH WITH SOAP & WATER. REMOVE CONTAMINATED  
CLOTHING. INGESTION: DO NOT INDUCE VOMITING. NOTHING BY MOUTH IF  
UNCONSCIOUS. GET MEDICAL ATTENTION IMMEDIATELY.

===== Fire Fighting Measures =====

Flash Point Method:SCC  
Flash Point:32F/0C  
Lower Limits:1.0  
Upper Limits:11.5  
Extinguishing Media:FOAM, CARBON DIOXIDE, OR DRY CHEMICAL  
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &  
FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER  
SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.  
Unusual Fire/Explosion Hazard:SOLVENT VAPORS MAY TRAVEL CONSIDERAB

LE

DISTANCES AND FLASH BACK FROM A SOURCE OF IGNITION.

===== Accidental Release Measures =====

Spill Release Procedures:REMOVE IGNITION SOURCES. SMALL SPILL:WIPE WITH RAGS OR TOWELS. LARGE SPILLS:EVACUATE AREA. WEAR NIOSH APPROVED RESPIRATOR. VENTILATE AREA. DIKE TO RETAIN FLUID. PUMP UP FREE LIQUID. RESIDUE WILL EVAPO RATE QUICKLY. DO NOT FLUSH TO SEWER OR WATERWAY.

Neutralizing Agent:NONE

===== Handling and Storage =====  
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Handling and Storage Precautions:KEEP AND STORE IN COOL, DRY PLACE AWAY FROM IGNITION SOURCES. GROUND DURING TRANSFER.

Other Precautions:REPEATED & PROLONGED OVEREXPOSURE TO SOLVENTS MAY CAUSE BRAIN AND NERVOUS SYSTEM DAMAGE. INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:USE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS IF TLV IS EXCEEDED OR WHEN SPRAYING OR USING IN CONFINED SPACES.

Ventilation:MECHANICAL EXHAUST TO MAINTAIN AIR CONTAMINANT LEVELS BELOW TLV.

Protective Gloves:RUBBER,PVA,NITRILE.

Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS/GOGGLES

Other Protective Equipment:AVAILABILITY OF EYE WASHES AND SAFETY SHOWERS IS RECOMMENDED. PROTECTIVE CLOTHING AS REQUIRED FOR TASK AT HAND.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, DRINKING OR SMOKING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental  
Safety and Health

===== Physical/Chemical Properties =====

HCC:F2

Boiling Pt.=79.4C, 175.F

Vapor Pres:>1

Vapor Density:>1

Spec Gravity:0.84

Evaporation Rate & Reference:>1 (N-BUTYL ACETATE=1)

Solubility in Water:PARTIAL

Appearance and Odor:COLORLESS, CLEAR LIQUID WITH CHARACTERISTIC ODOR.

Percent Volatiles by Volume:100

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS, STRONG

G MINERAL ACIDS, STRONG ALKALIS AND  
HALOGENS.

Stability Condition to Avoid:SPARKS, OPEN FLAMES OR HOT SURFACE

Hazardous Decomposition Products:CARBON MONOXIDE & DIOXIDE

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH APPLICABLE LOCAL,  
STATE, & FEDERAL REGULATIONS.

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