

SHORE-UBS CHEMICAL CO INC -- N-1051 -- 8040-00-298-1946

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

Product ID:N-1051

MSDS Date:12/21/1988

FSC:8040

NIIN:00-298-1946

MSDS Number: BLNCN

=== Responsible Party ===

Company Name:SHORE-UBS CHEMICAL CO INC

Address:BURGESS PLACE

City:WAYNE

State:NJ

ZIP:07470

Country:US

Info Phone Num:201-531-7300

Emergency Phone Num:201-531-7300

CAGE:31711

=== Contractor Identific  
ation ===

Company Name:SHORE-UBS CHEMICAL CO INC

Address:100 MAIN ST

Box:City:ALLENHURST

State:NJ

ZIP:07711-1131

Country:US

Phone:201-531-7300

CAGE:31711

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

Ingred Name:TOLUENE (SARA III)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 16%

Other REC Limits:NONE SPECIFIED

OSHA PEL:200 PPM/150 STEL

ACGIH TLV:50 PPM; 9293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:HEXANE (N-HEXANE)

CAS:110-54-3

RTECS #:MN9275000

Fractio

n by Wt: 25%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:500 PPM  
ACGIH TLV:50 PPM; 9293  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)  
CAS:78-93-3  
RTECS #:EL6475000  
Fraction by Wt: 13%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:200 PPM/300 STEL  
ACGIH TLV:200 PPM/300STEL 9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:ACETONE (SARA III)  
CAS:67-64-1  
RTECS #:AL3150000  
Fraction by Wt: 18%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:1000PPM  
ACGI  
H TLV:750PPM/1000STEL;9293  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:ABOVE EXPOSURE LIMITS FOR AIR LEVELS ONLY. WHEN SKIN  
CONTACT, OVEREXPOSURE MAY RESULT THRU AIR LEVELS LESS THAN ABOVE.  
RTECS #:9999999ZZ  
Other REC Limits:NONE SPECIFIED

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===== Hazards Identification =====  
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: NAUSEA/NARCOSIS. CHRONIC  
: MAY

CAUSE NERVE DAMAGE. MINOR EMBRYOTOXIC/FETOTOXIC EFFECTS HAVE BEEN  
OBSERVED IN LAB RATS EXPOSED TO MEK BY INHALATION FOR MOST OF THE  
GESTATION PERIOD. TARGET ORGANS (ANIMAL): LIVER, KIDNEY, LUNG,  
SPLEEN,CENTRAL NERVOUS SYSTEM, LIVER ABNORMALITIES, BRAIN, EYE  
DAMAGE.

Effects of Overexposure:IRRITATION TO EYES AND MUCOUS MEMBRANES. DRY  
AND CRACKED SKIN. INGESTION MAY RESULT IN VOMITING. CAN CAUSE  
SEVERE EYE BURNS. TINGLING AND WEAKNESS OF ARMS AND LEGS MAY OCCUR.

Medical Cond Aggravated by Exposure:RESPIRATORY AILMENTS.

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

First Aid:IN EMERGENCY SITUATION NOTIFY A PHYSICIAN IMMEDIATELY. SKIN:  
WASH WITH SOAP AND WATER. REFER TO PHYSICIAN IF IRRITATION  
PERSISTS. EYES: FLUSH EYES ABUNDANTLY WITH CLEAN WATER AND REFER TO  
PHYSICIAN. INGESTION: DO NOT INDUCE VOMITING. REFER TO PHYSICIAN.  
EXCESSIVE INHALATION: REMOVE PATIENT TO FRESH AIR OR GIVE OXYGEN.  
USE IF PATIENT IS NOT  
BREATHING. REFER TO PHYSICIAN.

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

Flash Point Method:TCC  
Flash Point:-25F,-32C  
Autoignition Temp:Autoignition Temp Text:500 F  
Lower Limits:1.0  
Upper Limits:12.8  
Extinguishing Media:CO2, FOAM, AND DRY CHEMICAL.  
Fire Fighting Procedures:NIOSH/MSHA-APPROVED SCUBA SHOULD BE USED. USE  
WATER SPRAY TO COOL FIRE-EXPOSED STRUCTURES AND DISPERSE VAPOR  
CLOUD IF FIRE IS NOT PRESENT.  
Unusual Fire/Explosion Hazard:VAPOR IS HEAVIER TH  
AN AIR AND MAY TRAVEL  
CONSIDERABLE DISTANCE TO SOURCE OF IGNITION AND FLASHBACK.

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

Spill Release Procedures:ABSORB SPILL IN SAND, EARTH, VERMICULITE,  
OIL-DRI, OR SOL-SPEED DRY. SHOVEL ABSORBED MATERIAL INTO STEEL  
CONTAINER AND COVER.

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===== Handling and Storage =====

Handling and Storage Precautions:KEEP CONTAINERS TIGHTLY CLOSED AND  
STORE IN APPROVED SOLVENT STORAGE AREA. KEEP  
AWAY FROM OPEN FLAME,  
HEAT SPARKS, HOT SURFACES AND OXIDIZING AGENTS.

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

Respiratory Protection:USE NIOSH-APPROVED ATMOSPHERE SUPPLYING OR AIR  
PURIFYING RESPIRATOR FOR ORGANIC VAPORS AS REQUIRED TO MAINTAIN  
EXPOSURE LEVELS BELOW RECOMMENDED LIMITS.  
Ventilation:LOCAL: REMOVE VAPORS DURING PROCESSING. MECHANICAL:  
EXPLOSION-PROOF EQUIP. SPECIAL: REDUCE CONC VAPORS BELOW LEL.  
Protective Gloves:PVA GLOVES.  
Eye Protect

ion:SAFETY GLASSES.

Other Protective Equipment:PROTECTIVE CLOTHING AS REQUIRED TO PREVENT SKIN CONTACT.

Work Hygienic Practices:KEEP AREA CLEAN. CLEAN UP SPILLS IMMEDIATELY. PRACTICE GOOD PERSONAL HYGIENE.

Supplemental Safety and Health

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

HCC:F2

Boiling Pt:B.P. Text:132F,56C

Vapor Pres:116.6 @68F

Vapor Density:2.64

Spec Gravity:0.828

Appearance and Odor:OPAQUE; SWEET SOLVENTY PUNGENT ODOR.

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

Stability Indicator/Materials to Avoid:YES

Stability Condition to Avoid:AVOID HEAT, OPEN FLAMES, SPARKS, HOT SURFACES AND OXIDIZING AGENTS.

Hazardous Decomposition Products:OXIDES OF CARBON, MAGNESIUM, ZINC. HYDROGEN CHLORIDE.

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

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL CHEMICAL AND SOLVENT WASTE DISPOSAL REGULATIONS.

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