

UNI-KEM INTERNATIONAL INC. -- MIL-C-10578D TYPE I -- 6850-00-270-5551
===== Product Identification =====

Product ID:MIL-C-10578D TYPE I
MSDS Date:01/01/1992
FSC:6850
NIIN:00-270-5551
MSDS Number: BJPSB
=== Responsible Party ===
Company Name:UNI-KEM INTERNATIONAL INC.
Address:513 HICKORY AVENUE
City:HARAHAN
State:LA
ZIP:70183
Country:US
Info Phone Num:504-738-1623
Emergency Phone Num:504-738-1623
CAGE:4S446
=== Contractor Identification ===
Company Name:UNI-KEM INTERNATIONAL
Address:1001 HARIMAW COURT EAST
Box:City:METAIRIE
State:LA
ZIP:70001
Country:US
Phone:504-835-7600/FAX:504-835-7608
CAGE:4S446

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

Ingred Name:PHOSPHORIC ACID (SARA III)
CAS:7664-38-2
RTECS #:TB6300000
Fraction by Wt: 62%
Other REC Limits:NONE SPECIFIED
OSHA PEL:1 MG/M3/3 STEL
ACGIH TLV:1 MG/M3/3 STEL; 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

ingred Name:2-BUTOXYETHANOL
CAS:111-76-2
RTECS #:KJ8575000
Fraction by Wt: 1.10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:S, 50 PPM
ACGIH TLV:S, 25 PPM; 9293

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Hazards Identification
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Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:NONE SPECIFIED BY MANUFACTURER.
Explanation of Carcinogenicity:NONE OF THE CHEMICALS IN THIS PRODUCT IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.
Effects of Overexposure:IRRITATION TO EYES, NOSE AND THROAT.
Medical Cond Aggravated by Exposure:NO INFORMATION GIVEN BY MFR ON THE MSDS.

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First Aid Measures
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First Aid:INHALE: FRESH AIR. SKIN: WASH WITH LOTS OF WATER. EYE: FLUSH WITH WATER FOR 15 MIN., SEE DOCTOR. INGEST: IMMEDIATELY GIVE LARGE AMOUNTS OF WATER OR MILK. DO NOT INDUCE VOMITING. THEN GIVE MILK OF MAGN ESIA (20 ML). IF VOMITING OCCURS SPONTANEOUSLY, GIVE FLUID REPEATEDLY, GIVE DEMULCENT, SUCH AS MILK OR BEATEN EGG AT INTERVALS OF TWO HOURS.

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Fire Fighting Measures
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Flash Point:NONE
Extinguishing Media:CARBON DIOXIDE OR DRY CHEMICAL.
Fire Fighting Procedures:FIREMEN SHOULD WEAR MINIMUM PROTECTION, ALL PURPOSE CANISTER GAS MASK APPROVED BY THE U.S. BUREAU OF MINES.
Unusual Fire/Explosion Hazard:THIS PRODUCT IS NOT FLAMMABLE BUT IT CAN REACT WITH METALS TO LIBERATE HYDROGEN, A FLAMMABLE GAS.

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Accidental Release Measures
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Spill Release Procedures:NEUTRALIZE WITH BASIC MATERIAL, FLUSH WITH PLENTY OF WATER.
Neutralizing Agent:BASIC MATERIAL

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Handling and Storage
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Handling and Storage Precautions:CONTAIN MINERAL ACIDS. VAPORS HARMFUL. AVOID CONTACT WITH EYES & SKIN. HARMFUL IF SWALLOWED. KEEP OUT OF REACH OF CHILDREN. CAUSES SEVERE BURNS.
Other Precautions:STORE DRUMS AWAY

FROM HEAT AND OUT OF DIRECT
SUNLIGHT. IN HOT WEATHER, LOOSEN PLUGS OF STORED DRUMS WEEKLY OR
MORE FREQUENTLY. READ ALL INSTRUCTIONS CAREFULLY BEFORE USING.

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

Respiratory Protection:TO CONTROL EXCESS VAPOR CONCENTRATION.
Ventilation:LOCAL EXHAUST IF NEEDED, OTHER TYPES; NONE
Protective Gloves:YES.
Eye Protection:YES.
Other Protective Equipment:PROTECTIVE CLOTHING IF NEEDED.
Work Hygienic Practices:MFR: ? HMIS:USE GOOD CHE
MICAL HYGIENE
PRACTICE. AVOID UNNECESSARY CONTACT. WASH THOROUGHLY BEFORE EATING
OR DRINKING.
Supplemental Safety and Health
MSDS HAD INKED IN DATE OF 12FEB92. PHONE CONTACT WITH MFR ON 10DEC92
RESULTED IN BEING GIVEN THE DATE OF JAN92. MANUFACTURER'S PHONE
DATE WAS USED.

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

HCC:C1
Boiling Pt:B.P. Text:225F,107C
Vapor Pres:LOW
Vapor Density:>1
Spec Gravity:1.312
Evaporation Rate & Reference:LOW (BUTYL ACETATE
)
Solubility in Water:100%
Appearance and Odor:CLEAR LIQUID, MILD PERFUME ODOR.
Percent Volatiles by Volume:50%

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

Stability Indicator/Materials to Avoid:YES
CAN REACT TO METAL, TO LIBERATE HYDROGEN.
Stability Condition to Avoid:NONE
Hazardous Decomposition Products:OXIDES OF PHOSPHOROUS

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

Waste Disposal Methods:RINSE DRUM THOROUGHLY THOROUGHLY OR DISCARD.
CONS

ULT LOCAL AUTHORITIES.

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