

UNI-KEM INTERNATIONAL INC. -- P-S-120B TYPE II SCALE REMOVING COMPOUND --
6850-00-949-1397

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

Product ID:P-S-120B TYPE II SCALE REMOVING COMPOUND

MSDS Date:05/04/1993

FSC:6850

NIIN:00-949-1397

MSDS Number: BMGQK

=== Responsible Party ===

Company Name:UNI-KEM INTERNATIONAL INC.

Address:513 HICKORY AVE

City:HARAHAN

State:LA

ZIP:70123

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

CAS:7664-38-2

RTECS #:TB6300000

Fraction by Wt: 40.0%

OSHA PEL:1 MG/M3/3 STEL

ACGIH TLV:1 MG/M3/3 STEL; 8990

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingr

ed Name:HYDROGEN CHLORIDE (HYDROCHLORIC ACID) (SARA III)
CAS:7647-01-0
RTECS #:MW4025000
Fraction by Wt: 3.0%
Other REC Limits:1 MG/M3
OSHA PEL:C 5 PPM
ACGIH TLV:C 5 PPM; 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:NOT SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:IRRITATION TO EYES,
NOSE AND THROAT
Explanation of Carcinogenicity:PRODUCT CONTAINS NO INGREDIENTS
CURRENTLY CLASSIFIED AS CARCINOGENIC BY NTP, IARC OR OSHA.
Effects of Overexposure:EYE IRRITATION, NOSE/THROAT IRRITATION.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. SKIN: WASH WITH LOTS OF
WATER. EYES: FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL
ATTENTION. INGESTION:
IMMEDIATELY ADMINISTER LARGE QUANTITIES OF
WATER OR MILK. DO NOT INDUCE VOMITING. THEN ADMINISTER MILK OF
MAGNESIA (20 ML). IF VOMITING OCCURS, GIVE DEMULCENTS, SUCH AS MILK
OR BEATEN EGGS AT INTERVALS OF 2 HOURS UNTIL VOMITING STOPS. GET
MEDICAL ATTENTION.

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

Flash Point:NONFLAMMABLE
Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE
Fire Fighting Procedures:FIREMAN SHOULD WEAR AS MINIMUM PROTECTION, ALL
PURP
OSE CANISTER GAS MASK APPROVED BY THE U.S. BUREAU OF MINES.
Unusual Fire/Explosion Hazard:PRODUCT CAN REACT WITH METALS TO LIBERATE
HYDROGEN, A FLAMMABLE GAS, IN SMALL AMOUNTS.

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

Spill Release Procedures:NEUTRALIZE WITH WEAK BASIC (ALKALINE)
MATERIAL. FLUSH WITH PLENTY OF WATER.
Neutralizing Agent:WEAK BASIC (ALKALINE) SOLUTION

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

Handling and Storage Pre

cautions:CONTAINS MINERAL ACIDS. VAPOR HARMFUL.

AVOID CONTACT WITH SKIN. DO NOT GET IN EYES. HARMFUL IF SWALLOWED.

KEEP OUT OF REACH OF CHILDREN.

Other Precautions:CAUSES SEVERE BURNS. STORE DRUMS AWAY FROM HEAT AND OUT OF DIRECT SUNLIGHT. IN HOT WEATHER, LOOSEN PLUGS OF STORED DRUMS WEEKLY OR SOONER IF NEEDED. READ ALL INSTRUCTIONS CAREFULLY BEFORE USING.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION

EXPOSURES BELOW PEL (TLV), USE NIOSH/MSHA APPROVED RESPIRATOR AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH RESPIRATOR SELECTION.

Ventilation:LOCAL EXHAUST IF NEEDED.

Protective Gloves:RECOMMENDED -- RUBBER OR NEOPRENE

Eye Protection:GOGGLES

Other Protective Equipment:RUBBER APRON, EMERGENCY SHOWER AND EYE WASH STATION

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Sa

fety and Health

NONE SPECIFIED BY MANUFACTURER.

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

HCC:C1

Boiling Pt:B.P. Text:224F,107C

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres:LOW

Vapor Density:> 1

Spec Gravity:1.290

Evaporation Rate & Reference:LOW

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR, LIQUID, MILD ODOR, WATER WHITE TO LIGHT YELLOW

Percent Volatiles by Volume:58%

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

Stabili

ty Indicator/Materials to Avoid: YES
CAN REACT WITH METALS TO LIBERATE HYDROGEN IN SMALL AMOUNTS.
Stability Condition to Avoid: NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products: OXIDES OF PHOSPHOROUS

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

Waste Disposal Methods: PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.