

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:504-7

38-1623

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

Ingredient 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

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===== 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 EY

ES, 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.

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===== 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. INGESTI

ON: 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.

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

Flash Point:NONFLAMMABLE

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE

Fire Fighting Procedures:FIREMAN SHOULD WEAR AS MINIMUM PROTECTION, ALL PURPOSE

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.

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

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

Neutralizing Agent:WEAK BASIC (ALKALINE) SOLUTION

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

Handling and Storage

Precautions: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.

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===== 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
Safety and Health
NONE SPECIFIED BY MANUFACTURER.

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===== 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%

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

Stab

ility 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.

Disc

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