

UNI-KEM INTERNATIONAL -- CORROSION REMOVING AND METAL CONDITIONING COMPOUND --
6850-00-270-5551

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

Product ID:CORROSION REMOVING AND METAL CONDITIONING COMPOUND

MSDS Date:03/15/1999

FSC:6850

NIIN:00-270-5551

Status Code:A

MSDS Number: CKVTT

=== Responsible Party ===

Company Name:UNI-KEM INTERNATIONAL

Box:747

City:NEW ORLEANS

State:LA

ZIP:70004-0747

Country:US

Info

Phone Num:504-835-7600; -7608 FAX

Emergency Phone Num:504-835-7600

Resp. Party Other MSDS Num.:PRODUCT: 533

CAGE:UO115

=== Contractor Identification ===

Company Name:UNI-KEM INTERNATIONAL

Box:747

City:NEW ORLEANS

State:LA

ZIP:70004-0747

Country:US

Phone:504-835-7600

CAGE:UO115

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

Ingred Name:ORTHOPHOSPHORIC ACID

CAS:7664-38-2

RTECS #:TB6300000

OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3

ACGIH STEL:3 MG/M3

EPA Rpt Qty:5000 LBS

DOT Rpt Qty

:5000 LBS

Ingred Name:ETHYLENE GLYCOL MONOBUTYL ETHER

CAS:111-76-2

RTECS #:KJ8575000

OSHA PEL:240 MG/M3;50 PPM

ACGIH TLV:121 MG/M3;25 PPM

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

Routes of Entry: Inhalation:YES Skin:UNKNOWN Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:MAY CAUSE EYE, SKIN, OR RESPIRATORY IRRITATION. MAY BE HARMFUL IF INHALED OR SWALLOWED. MAY CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION. MAY CAUSE HEADACHE AND DIZZINESS.

Explanation of Carcinogenicity:NO

Effects of Overexposure:EYE, SKIN, OR RESPIRATORY IRRITATION, HARMFUL IF INHALED OR SWALLOWED, CENTRAL NERVOUS SYSTEM DEPRESSION, HEADACHE, AND DIZZINESS.

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

First Aid:SKIN: WASH EXPOSED AREA WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. LAUNDRER BEFORE RE-USE. EYES: FLUSH WITH PLENTY OF COOL WATER FOR AT LEAST 15 MINUTES, WHILE LIFTING UP PER

AND LOWER LIDS OCCASIONALLY. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. ADMINISTER LARGE QUANTITIES OF WATER OR MILK. THEN ADMINISTER MILK OF MAGNESIA (20 ML). IF VOMITING OCCURS SPONTANEOUSLY, ADMINISTER FLUID REPEATEDLY. GIVE DEMULCENT, SUCH AS MILK OR BEATEN EGGS AT TWO-HOUR INTERVALS. GET MEDICAL ATTENTION. INHALATION: MOVE TO FRESH AIR. IF BREATHING DIFFICULT, GIVE ARTIFICIAL RESPIRATION. KEEP WARM, QUIET. GET MEDICAL ATTENTION.

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

Flash Point:NONE

Extinguishing Media:DRY CHEMICAL, CO2.

Fire Fighting Procedures:MINIMUM PROTECTION, ALL PURPOSE CANISTER GAS MASKS APPROVED BY THE US BUREAU OF MINES.

Unusual Fire/Explosion Hazard:KEEP CONTAINER FROM HEAT AND OPEN FLAME. POSSIBLE FLAMMABLE OR EXPLOSIVE HYDROGEN INSIDE METAL CONTAINERS IN A FIRE. CAN REACT WITH METALS TO EMIT HYDROGEN 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:NEUTRALIZE WITH BASIC MATERIAL, FLUSH WITH PLENTY OF WATER.

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

Handling and Storage Precautions:PRODUCT IS FOR USE BY TRAINED PERSONNEL. CONTAINS MINERAL ACIDS HARMFUL IF SWALLOWED. CAUSES SEVERE BURNS. READ LABEL AND MSDS BEFORE USE. USE ONLY AS DIRECTED. USE WITH ADEQUATE VENTILATION. AVOID BR EATHING VAPOR. DO NOT GET IN EYES, ON SKIN, OR CLOTHING. HARMFUL IF INHALED.

Other Precautions:KEEP AWAY FROM FOOD. STORE IN CLOSED, LABELED CONTAINER AWAY FROM HEAT AND SUNLIGHT AND BETWEEN 50-90F. IN HOT WEATHER, LOOSEN PLUGS OF STORED DRUMS WEEKLY OR MORE FREQUENTLY. EMPTY CONTAINER MAY RETA IN VAPOR OR PRODUCT RESIDUE; OBSERVE ALL LABELED SAFEGUARDS. KEEP OUT OF REACH OF CHILDREN.

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

Respiratory Protection:WHEN EX POSURE LEVELS EXCEED THE PEL/TLV, USE A SELF-CONTAINED BREATHING APPARATUS OR SUPPLIED AIR RESPIRATOR. IN RESTRICTED AREAS USE APPROVED CHEMICAL/MECHANICAL FILTERS DESIGNED TO REMOVE A COMBINAT ION OF PARTICLES AND VAPOR.

Ventilation:PROVIDE LOCAL EXHAUST AND OR VENTILATION AS NEEDED TO KEEP VAPOR CONCENTRATION BELOW PEL/TLV.

Protective Gloves:USE VITRON OR OTHER ACID IMPERVIOUS GLOVES.

Eye Protection:USE FULL-FACE SHIELD.

Other Protective Equipment:BOOTS, APRONS, CHEMICAL SUITS SHOULD BE USED

WHEN NECESSARY TO PREVENT SKIN CONTACT. AN EYEWASH STATION OR SOURCE OF CLEAN WATER NEARBY IN CASE OF ACCIDENTAL EYE CONTACT.

Work Hygienic Practices:DO NOT EAT, DRINK OR USE TOBACCO IN AREA. WASH HANDS FACE AND EXPOSED SKIN THOROUGHLY AFTER USE AND BEFORE EATING, DRINKING OR USING TOBACCO, COSMETICS AND TOILET. LAUNDER AFFECTED APPAREL BEFORE REUSE.

Supplemental Safety and Health

HYGIENE: DISCARD AFFECTED LEATHER SHOES AND BELTS. PRODUCT SPECS:

MIL-C-10578

D TYPE 1.

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

HCC:C1

Boiling Pt:=106.7C, 224.F

Vapor Pres:LOW

Vapor Density:>1

Spec Gravity:1.035

Evaporation Rate & Reference:LOW (BUAC)

Solubility in Water:100%

Appearance and Odor:CLEAR LIQUID WITH MILD, PERFUME ODOR.

Percent Volatiles by Volume:50

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

Stability Indicator/Materials to Avoid:YES

CAN REACT WITH METAL TO EMIT HYDROGEN GAS.

Hazardous Decomposit

ion Products:OXIDES OF PHOSPHOROUS.

===== Toxicological Information =====

Toxicological Information:CARCINOGENITY: NTP: NO, IARC: NO, OSHA: NO.

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

Waste Disposal Methods:RINSE CONTAINER THOROUGHLY, RECYCLE OR DISPOSE OF ACCORDING TO ALL LAWS AND REGULATIONS. "EMPTY" CONTAINERS RETAIN RESIDUE (LIQUID, VAPOR) AND CAN BE DANGEROUS. CONSULT FEDERAL, STATE, AND LOCAL DISPOSAL AUTHORITIES FOR APPROVED ALTERNATIVE PROCEDURES. DISPOSE OF ACCORDING TO ALL LAWS AND REGULATIONS .

===== MSDS Transport Information =====

Transport Information:PLACARD: CORROSIVE MATERIAL. CLASS: 8, GROUP: I I I, UN 1805. NOTE: UN1805 IS FOR PHOSPHORIC ACID (PER HMIS).

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