

UNI-KEM INTERNATIONAL CORPORATION/MFR OXYCHEM -- MIL-P-24548 A -- 6850-01-043-8511
===== Product Identification =====

Product ID:MIL-P-24548 A

MSDS Date:10/01/1995

FSC:6850

NIIN:01-043-8511

MSDS Number: BXYRC

=== Responsible Party ===

Company Name:UNI-KEM INTERNATIONAL CORPORATION/MFR OXYCHEM

Address:513 HICKORY AVENUE

City:HARAHAN

State:LA

ZIP:70123

Country:US

Info Phone Num:504-738-1623

Emergen

cy Phone Num:504-738-1623

CAGE:4S446

=== Contractor Identification ===

Company Name:SDB CONSULTANTS LTD

Address:401 WHITNEY AVE SUITE 120

Box:City:GRETNA

State:LA

ZIP:70056

Country:US

Phone:504-366-9105

CAGE:0PGK2

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:ETHYLENE GLYCOL (SARA 313) (CERCLA)

CAS:1

07-21-1
RTECS #:KW2975000
Fraction by Wt: 10%
Other REC Limits:NONE RECOMMENDED
ACGIH TLV:C 50 PPM,VAPOR; 9495
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:TRIEETHANOLAMINE
CAS:102-71-6
RTECS #:KL9275000
Fraction by Wt: 10%
Other REC Limits:NONE RECOMMENDED

Ingred Name:NITRIC ACID (SARA 302/313) (CERCLA)
CAS:7697-37-2
RTECS #:QU5775000
Fraction by Wt: 1%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:2 PPM
ACGIH TLV:2 PPM/4 STEL; 9495
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:WATER
CA
S:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 79%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:NOT RELEVANT
ACGIH TLV:NOT RELEVANT

==== Hazards Identification =====

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS UNKNOWN.
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, RESPIRATORY
& GI TRACTS. ACUTE- EYES/SKIN:MILD TO MODERATE IRRITATION.
INHALATIO

N:EXCESSIVE INHALATION OF VAPORS MAY CAUSE CNS EFFECTS.

INGESTION:CAN CAUSE GASTROINTESTINAL T RACT IRRITATION, NAUSEA, VOMITING, DIARRHEA. CHRONIC- UNKNOWN.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, GASTRIC DISTRESS, NAUSEA, VOMITING, DIARRHEA

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING SKIN DISORDERS MAY BE MORE SUCCEPTIBLE TO THE EFFECTS FROM EXPOSURE TO THIS PRODUCT.

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===== First Aid Measures =====
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First Aid:CALL A DOCTOR IF SYMPTOMS PERSIST. EYE:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. ORAL:I F CONSCIOUS, DRINK WATER & INDUCE VOMITING. CALL A PHYSICIAN/POISON CONTROL CENTER IMMEDIATELY. NEVER GIVE FLUID OR INDUCE VOMITING IF PATIENT IS UNCONSCIOUS OR HAS CONVULSIONS.

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===== Fire Fighting Measures =====
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sh Point:NONE TO BOILING

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, SAND, FOAM/DRY CHEMICAL. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:VAPOR IS HEAVIER THAN AIR AND CAN TRAVEL CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND BE IGNITED. CONTAINERS MAY RUPTURE DUE TO VAPOR PRESSURE BUILDUP.

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===== Accide
ntal Release Measures =====
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Spill Release Procedures:PREVENT SKIN AND EYE CONTACT. COVER WITH SODIUM BISULFITE AND SPRAY WITH WATER.

Neutralizing Agent:SODIUM BISULFITE

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===== Handling and Storage =====
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Handling and Storage Precautions:STORE IN COOL PLACE. KEEP AWAY FROM INCOMPATIBLE MATERIALS.

Other Precautions:WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING AND BEFORE EATING, DRINKING, SMOKING. KEEP OUT OF REACH OF CHILDREN.

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

Respiratory Protection:IF TLV IS EXCEEDED OR FOR SYMPTOMS OF OVER EXPOSURE, WEAR NIOSH-APPROVED AIR-SUPPLIED RESPIRATOR. IN EMERGENCY, WEAR A NIOSH-APPROVED POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS.

Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION TO MEET TLV REQUIREMENTS.

Protective Gloves:RUBBER TO PREVENT CONTACT

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:EYE WASH STAT

ION, SAFETY SHOWER, PROTECTIVE

CLOTHING

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE PNI A, SAME NSN.

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

HCC:N1

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:212F,100C

Vapor Density:>1

Spec Gravity:1.025

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR, PINK LIQUID, WITH SLIGHT ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, STRONG MINERAL ACIDS

Stability Condition to Avoid:EXTREME HEAT

Hazardous Decomposition Products:MAY FORM CARBON MONOXIDE, CARBON DIOXIDE, NITROGEN OXIDE.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. LANDFILL RECOMMENDED.

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