

WECHEM INC -- HULK SYSTEM/BARREL 1 IN A BOX,COMPONENT A -- 6850-01-434-1602

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

Product ID:HULK SYSTEM/BARREL 1 IN A BOX,COMPONENT A

MSDS Date:09/01/1995

FSC:6850

NIIN:01-434-1602

Kit Part:Y

MSDS Number: CDLXY

=== Responsible Party ===

Company Name:WECHEM INC

Address:5734 SUSITNA DRIVE

City:NEW ORLEANS

State:LA

ZIP:70123

Country:US

Info Phone Num:504-733-1152

Emergen

cy Phone Num:504-733-1152/800-535-5053

Preparer's Name:CHARITO KUYLEN

CAGE:60618

=== Contractor Identification ===

Company Name:WECHEM INC

Address:5734 SUSITNA DRIVE

Box:City:NEW ORLEANS

State:LA

ZIP:70123

Country:US

Phone:504-733-1152

CAGE:60618

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

Ingred Name:POTASSIUM HYDROXIDE (CERCLA)

CAS:1310-58-3

RTECS #:TT2100000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:C 2 MG/M3

ACGIH TLV:C 2 MG/M3; 9596

EPA Rpt Qty:1000 LBS

DOT Rpt Q

ty:1000 LBS

Ingred Name:ETHYLENEDIAMINETETRAACETIC ACID DIPOTASSIUM SALT

CAS:2001-94-7

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.

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- EYE CONTACT MAY CAUSE IRRITATION & BURNS. SKIN CONTACT

T MAY CAUSE IRRITATION & BURNS. INHALATION OF MISTS MAY CAUSE RESPIRATORY TRACT IRRITATION & DAMAGE. HARMFUL OR FATAL IF SWALLOWED. CHRONIC- MAY CAUSE DERMATITIS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, REDNESS, BURNS, NAUSEA, VOMITING, TEARING

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN DISORDERS, EYE PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. CALL PHYSICIAN. SKIN:WASH WITH SOAP & WATER. ORAL:DO NOT INDUCE VOMITING. IF CONSCIOUS, DRINK 2 LARGE GLASSES OF WATER. SEEK IMMEDIATE MEDICAL ATTENTION. IF SPONTANEOUS VOMITING OCCURS, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION.

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

Flash Point:NONE TO BOILING

Lower Limits:NOT RELEVANT

Upper Limits:NOT RELEVANT

Extinguishing Media:WATER FOG, CARBON DIOXIDE, SAND, FOAM/DRY CHEMICAL. COOL FIRE-EXPOSED CONTAINERS WITH WATER.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. EVACUATE PERSONNEL TO A SAFE AREA.

Unusual Fire/Explosion Hazard:NONE

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

==

Spill Release Procedures:EVACUATE AREA. WEAR PROTECTIVE EQUIPMENT.  
VENTILATE AREA. ABSORB ON SAND, VERMICULITE OR SIMILAR MATERIAL.  
SWEEP UP AND PLACE IN AN APPROPRIATE CONTAINER. HOLD FOR DISPOSAL.  
WASH CONTAMINATED SPILL AREA WITH SOAPY WATER, THEN WATER TO  
REMOVE RESIDUES

Neutralizing Agent:ACETIC ACID

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

Handling and Storage Precautions:STORE IN TIGHTLY CLOSED CONTAINER.  
KEEP AWAY FROM INCOMPATIBLE MATERIALS.

Other Precautions:WARNING! CORROSIVE LIQUID. HANDLE WITH CARE. WASH  
THOROUGHLY WITH SOAP AND WATER AFTER HANDLING AND BEFORE EATING,  
DRINKING. KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY.  
AVOID EYE AND SKIN CONTACT. AVOID INHALATION OF MISTS.

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

Respiratory Protection:NONE NORMALLY NEEDED. IF WORKING IN CONFINED  
AREAS, IF EXCESSIVE MISTING IS EXPECTED OR IF EXPOSURE MAY OR DOES  
EXCEED RECOMMENDED PERMISSIBLE EXPOSURE LIMITS, WEAR NIOSH-APPROVED

RESPIRATOR (REFER TO 29 CFR 1910.134)

Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION TO KEEP VAPOR,  
FUME OR MIST LEVELS AS LOW AS POSSIBLE.

Protective Gloves:NEOPRENE, RUBBER, PVC

Eye Protection:SAFETY GLASSES WITH SIDE SHIELD/GOGGLES

Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER, PROTECTIVE  
CLOTHING

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

Supplemental  
Safety and Health

KEY1:C2. THE KIT CONSISTS OF COMPONENT A (9.9 POUNDS OF PURE POTASSIUM  
HYDROXIDE PER 2.5 GALLONS OF WATER) AND COMPONENT B. WORKING  
SOLUTION (HULK DEGREASER 1) IS MADE OF 2.5 GALLONS OF COMPONENT A,  
2.5 GALLONS OF COMPONENT B AND WATER TO 55 GALLONS IN A DRUM (PER  
MANUFACTURER).

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

HCC:B1

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:214F,101C

Spec Gravity:1.367 - 1.387

pH:14

Evaporation

Rate & Reference:1 (WATER=1)

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR, COLORLESS LIQUID WITH NO DISTINCT ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS, STRONG OXIDIZING AGENTS

Stability Condition to Avoid:EXCESSIVE HEAT

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE

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

Waste Disposal Methods:DISPOSE OF IN ACCO

RDANCE WITH ALL LOCAL, STATE

AND FEDERAL REGULATIONS. RECYLING IS RECOMMENDED. KEEP OUT OF SEWERS, STORM DRAINS AND SURFACE WATERS.

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.