

CHEMTECH INDUSTRIES INC MANUFACTURED PRODUCTS DIV -- LIQUID CAUSTIC POTASH,45%  
(FOR GAP4005G BAT -- 6135-00-823-3034

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Product Identification  
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Product ID:LIQUID CAUSTIC POTASH,45% (FOR GAP4005G BAT

MSDS Date:05/13/1992

FSC:6135

NIIN:00-823-3034

Kit Part:Y

MSDS Number: BRFQF

=== Responsible Party ===

Company Name:CHEMTECH INDUSTRIES INC MANUFACTURED PRODUCTS DIV

Address:1655 DES PERES ROA

D

Box:31000

City:ST. LOUIS

State:MO

ZIP:63131-1821

Country:US

Info Phone Num:314-966-9900

Emergency Phone Num:314-966-9900/800-424-9300(CHEMTREC)

CAGE:56894

=== Contractor Identification ===

Company Name:CHEMTECH INDUSTRIES INC MANUFACTURED PRODUCTS DIV

Address:1655 DES PERES RD

Box:31000

City:ST. LOUIS

State:MO

ZIP:63131-1821

Country:US

Phone:314-966-9934

CAGE:56894

Company Name:EAGLE-PICHER INDUSTRIES, INC.

Address:C AND PORTER STS

Box:47

City:JOPLIN

State:MO

ZIP:64801

Country:US

Phone:417-623

-8000  
CAGE:81855

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Composition/Information on Ingredients  
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Ingred Name:POTASSIUM HYDROXIDE (SARA III)  
CAS:1310-58-3  
RTECS #:TT2100000  
Fraction by Wt: 45%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:C, 2 MG/M3  
ACGIH TLV:C 2 MG/M3; 9293  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

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Hazards Identification  
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LD50 LC50 Mixture:LD50 ORAL RAT IS 273 MG/KG  
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO  
Health Hazards Acute and  
Chronic:SUPPLIER STATES BATTERY IS AN ARTICLE,  
THEREFORE, NO EXPOSURE IS EXPECTED.  
Explanation of Carcinogenicity:MANUFACTURER STATES THIS PRODUCT  
CONTAINS DETECTABLE AMOUNTS OF A CHEMICAL KNOWN TO CAUSE  
CANCER/BIRTH DEFECTS.  
Effects of Overexposure:NO EXPOSURE EXPECTED. ARTICLE. IF BATTERY  
LEAKS, IT MAY CAUSE SEVERE IRRITATION AND BURNS TO EYES AND SKIN.  
Medical Cond Aggravated by Exposure:NONE. NO EXPOSURE NORMALLY  
EXPECTED.

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First Aid Measures  
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First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15  
MINUTES. DO NOT NEUTRALIZE. GET IMMEDIATE MEDICAL ATTENTION. SKIN:  
REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND PLENTY OF WATER.  
GET MEDICAL ATTENTION. INHALATION: REMOVE TO FRESH AIR. GIVE  
CPR/OXYGEN IF NEEDED. SEE DOCTOR. INGESTION: GIVE LARGE AMOUNTS OF  
WATER OR MILK. DO NOT INDUCE VOMITING. SEE DOCTOR IMMEDIATELY.

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Fire Fighting Measures  
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Flash Point:NONE

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL FOR SURROUNDING FIRE.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:HOT OR MOLTEN MATERIAL WILL REACT VIOLENTLY WITH WATER LIBERATING HEAT AND CAUSING SPATTERING.

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

Spill Rel

ease Procedures:NEUTRALIZE WITH 5% SOLUTION OF ACETIC ACID.

ABSORB IN INERT MATERIAL AND PLACE IN APPROPRIATE DISPOSAL CONTAINER AND COVER. FLUSH AREA WITH WATER FOLLOWED WITH SODIUM BICARBONATE.

Neutralizing Agent:5% ACETIC ACID SOLUTION.

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

Handling and Storage Precautions:KEEP TERMINAL PLASTIC CAPS IN PLACE. STORE AWAY FROM ACIDS. AVOID PHYSICAL DAMAGE.

Other Precautions:NONE.

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

Respiratory Protection:NONE.

Ventilation:NONE.

Protective Gloves:NONE. RUBBER GLOVES IN CASE OF A SPILL.

Eye Protection:NONE. SAFETY GLASSES IN CASE OF A SPILL.

Other Protective Equipment:NONE.

Work Hygienic Practices:NORMAL PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

KEY1:N1. THIS IS PART A OF A TWO PART MSDS. SUPPLIER DID NOT HAVE A SINGLE MSDS FOR THE BATTERY. SUPPLIER STATES BATTERY IS AN ARTICLE. PART B IS UNDER CAGE CODE 40057 , SAME NSN.

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

HCC:N1

Boiling Pt:B.P. Text:271F,133C

Vapor Pres:17.5

Spec Gravity:1.45

pH: