

CITY CHEMICAL CORPORATION -- POTASSIUM HYDROXIDE, SOLUTION -- 6810-00-543-4041
===== Product Identification =====

Product ID:POTASSIUM HYDROXIDE, SOLUTION
MSDS Date:09/19/1995
FSC:6810
NIIN:00-543-4041
MSDS Number: CFKDX
=== Responsible Party ===
Company Name:CITY CHEMICAL CORPORATION
Address:100 HOBOKEN AVE
City:JERSEY CITY (FORMALLY IN NEW YORK, NY)
State:NJ
ZIP:07310
Country:US
Info Phone Num:
201-653-6900/FAX -4468
Emergency Phone Num:201-653-6900/800-424-9300(CHEMTREC)
CAGE:83628
=== Contractor Identification ===
Company Name:CITY CHEMICAL CORPORATION
Address:100 HOBOKEN AVE
City:JERSEY CITY
State:NJ
ZIP:07310
Country:US
Phone:201-653-6900/800-248-2436
CAGE:83628
Company Name:NO VENDOR HAS BEEN NAMED FOR THIS LINE.
Box:UNKNOW
CAGE:NO672

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

Ingred Name:POTASSIUM HYDROXIDE (SARA III)
CAS:1310-58-3
RTECS #:TT2100000
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her 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 =====

LD50 LC50 Mixture:LD50 (ORAL RAT) = 273 MG/KG

Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:TARGET-ORGANS:EYES,RESPIRATORY SYSTEM,
SKIN HARMFUL IF SWALLOWED, INHALED OR ABSORBED THRU SKIN. EXTREMELY
DESTRUC

TIVE (CORROSIVE) TO ALL BODY TISSUES. INHALATION IS UNLIKELY
BUT MAY BE FATAL.

Explanation of Carcinogenicity:MANUFACTURER GAVE NO INFORMATION ABOUT
CARCINOGENICITY. HMIS FOUND NO LISTING & DOES NOT EXPECT IT TO BE
CARCINOGENIC.

Effects of Overexposure:SEVERE IRRITATION, BURNING SENSATION, COUGHING,
WHEEZING, LARYNGITIS, HEADACHE, NAUSEA, VOMITING.

Medical Cond Aggravated by Exposure:MFR GAVE NO INFORMATION OF MSDS.

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

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First Aid:IF IRRITATION PERSISTS OR IS SEVERE, GET MEDICAL ATTENTION.

EYE:FLUSH W/WATER FOR 15 MIN. SKIN:WASH W/SOAP & WATER. REMOVE
CONTAMINATED CLOTHING & LAUNDRER BEFORE REUSE. INHALED:REMOVE FROM
EXPOSURE. A ID OR RESTORE BREATHING AS NEEDED. INGESTED:WASH OUT
MOUTH IF CONSCIOUS & GET IMMEDIATE MEDICAL ATTENTION. (DLA-HMIS:DO
NOT INDUCE VOMITING UNLESS DIRECTED TO DO SO BY MEDICAL PERSONNEL.)

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

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sh Point:NONE

Extinguishing Media:NONCOMBUSTIBLE. USE EXTINGUISHING MEDIA APPROPRIATE
FOR SURROUNDING FIRE. DO NOT USE WATER.

Fire Fighting Procedures:USE OF SELF-CONTAINED BREATHING APPARATUS &
PROTECTIVE CLOTHING TO PREVENT CONTACT W/SKIN & EYES. REACTS
VIOLENTLY W/ WATER.

Unusual Fire/Explosion Hazard:EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

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

Spill Release Procedures:EVACUATE AREA. WEAR PROTECTIVE EQUIPMENT.

SWEEP UP & PLACE IN BAG & HOLD FOR WASTE DISPOSAL. AVOID RAISING DUST. VENTILATE AREA & WASH SPILL AFTER MATERIAL PICKUP IS COMPLETE.

Neutralizing Agent:MFR GAVE NO INFORMATION OF MSDS. (DLA-HMIS:USE WEAK OR DILUTE ACID.)

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE. DO NOT ALLOW CONTACT W/WATER. KEEP TIGHTLY CLOSED.

Other Precautions:TOXIC. CORROSIVE. UNDER FIRE CONDITIONS, MATERIAL WILL MELT & FLOW. REACTS VIOLENTLY W/WATER. REACTS W/SOME METALS TO RELEASE FLAMMABLE, EXPLOSIVE HYDROGEN GAS.

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

Respiratory Protection:WEAR APPROPRIATE NIOSH/MSHA APPROVED RESPIRATOR.

Ventilation:USE ONLY IN A CHEMICAL FUME HOOD.

Protective Gloves:CHEMICAL-RESISTANT GLOVES

Eye Protection:SAFETY GOGGLES PLUS FACE SHIELD

Other Protective Equipment:OTHER PROTECTIVE CLOTHING, SAFETY SHOWER, EYE BATH.

Work Hygienic Practices:TOXIC.

CORROSIVE. DO NOT BREATHE DUST. DO NOT

GET IN EYES, ON SKIN OR CLOTHING. AVOID PROLONGED &/OR REPEATED EXPOSURE.

Supplemental Safety and Health

MSDS IS LABELED "POTASSIUM HYDROXIDE SOLUTION" BUT APPEARS TO BE FOR SOLID MATERIAL.

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

HCC:B1

NRC/State Lic Num:NONE

Melt/Freeze Pt:M.P/F.P Text:682F,361C

Vapor Pres:1 MM

Spec Gravity:2.044

Appearance and Odor:SOLID

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

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Stability Indicator/Materials to Avoid: YES

WATER, ACIDS, HALOGENS, NITRO COMPOUNDS, ORGANIC MATERIALS, ACID
CHLORIDES, MAGNESIUM, COPPER, TIN, ZINC, ACID ALDEHYDES

Stability Condition to Avoid: DO NOT HEAT ABOVE MELTING POINT. PROTECT
FROM MOISTURE. ABSORBS CO₂ FROM AIR. REACTS VIOLENTLY W/WATER.

Hazardous Decomposition Products: GENERATES FLAMMABLE, EXPLOSIVE
HYDROGEN GAS IN CONTACT WITH METALS.

Conditions to Avoid Polymerization: WILL NOT OCCUR.

===== Dispo
sal Considerations =====

Waste Disposal Methods: CONTACT A LICENSED PROFESSIONAL WASTE DISPOSAL
SERVICE TO DISPOSE OF THIS MATERIAL. DISPOSE OF I/A/W FEDERAL,
STATE & LOCAL ENVIRONMENTAL REGULATIONS.

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