

SPECTRUM CHEMICAL MANUFACTURING CORP -- POTASSIUM HYDROXIDE, 31% --
6810-00-543-4041

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

Product ID:POTASSIUM HYDROXIDE, 31%

MSDS Date:11/01/1990

FSC:6810

NIIN:00-543-4041

MSDS Number: BNQBG

=== Responsible Party ===

Company Name:SPECTRUM CHEMICAL MANUFACTURING CORP

Address:14422 S SAN PEDRO ST

City:GARDENA

State:CA

ZIP:90248-2027

Country:US

Info Phone Num:714-864-2

310

Emergency Phone Num:800-772-8786

Preparer's Name:C.A. EISENHARD

CAGE:DO660

=== Contractor Identification ===

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

Company Name:SPECTRUM CHEM MFR CORP (REPLACED BY CAGE 63415)

Address:14422 S SAN PEDRO ST

Box:City:GARDENA

State:CA

ZIP:90248-2027

Country:US

Phone:310-516-8000

CAGE:6P212

Company Name:SPECTRUM CHEMICAL MANUFACTURING CORP.

Addre

ss:1442 SOUTH SAN PEDRO STREET
City:GARDENA
State:CA
ZIP:90248-2027
Phone:213-516-8000/800-424-9300(CHEMTREC)
CAGE:DO660

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Composition/Information on Ingredients
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Ingred Name:POTASSIUM HYDROXIDE (SARA III)
CAS:1310-58-3
RTECS #:TT2100000
Other REC Limits:NONE SPECIFIED
OSHA PEL:C, 2 MG/M3
ACGIH TLV:C 2 MG/M3; 9192
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 365
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:HIGHLY CAUSTIC, TOXIC, FATAL INJURY
POSSIBLECAUSES SEVERE BURNS; DESTROY TISSUE ON CONTACT; DEEP
ULCERATION MAY RESULT. INHALATION OF DUST OR FUMES IS HIGHLY
CORROSIVE TO THE RESPIRATORY TRACT.

Explanation of Carcinogenicity:POTASSIUM HYDROXIDE IS NOT LISTED BY
IARC, NTP, OR OSHA AS A CARCINOGEN. TEST ON LAB ANIMALS INDICATE
MUTAG

ENIC EFFECTS.

Effects of Overexposure:CAN DAMAGE EYES SEVERELY RESULTING IN
BLINDNESS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures
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First Aid:GET MEDICAL ASSISTANCE FOR ALL CASES OR OVEREXPOSURE. EYES:
FLUSH THOROUGHLY WITH WATER FOR AT LEAST 15 MIN. SKIN: FLUSH WITH
WATER FOR 15 MIN. INHALATION: REMOVE TO FRESH AIR; GIVE OXYGEN IF
BREATHIN G IS DIFFICULT. INGESTION: DO NOT INDUCEVOMITIN

G; GIVE
WATER IF CONSCIOUS.

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

Flash Point:NONE

Extinguishing Media:WATER FOR (DO NOT SPLATTER OR SPLASH THIS MATERIAL).

Fire Fighting Procedures:WEAR SELF CONTAINED BREATHING APPARATUS AND FULL FACE SHIELD. WEAR FULL PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:EMITS HIGHLY TOXIC FUMES WHEN HEATED TO DECOMPOSITION. MAY REACT, POSSIBLY EXPLOSIVELY, WITH :
ACRYLONITRILE; ACETIC ACID; ACROLEIN; CALCIUM CARBIDE; ETC.

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

Spill Release Procedures:NEUTRALIZE AND COLLECT FOR PROPER DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP CONTAINERS TIGHTLY CLOSED TO PROTECT FROM MOISTURE. STORE IN A DRY AREA AWAY FROM ACIDS, METALS, ORGANIC PEROXIDES & EASILY IGNITABLE MATERIAL.

Other Precautions:PROTECT AGAINST PHYSICAL DAMAGE. USE CAUTION WHEN CLEANING EMPTY DRUMS OR EQUIPMENT; VIOLENT REACTIONS WITH WATER, STEAM OR SOLVENT MAY OCCUR.

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

Respiratory Protection:WEAR RESPIRATOR AND USE FUME HOOD. USE AIR-SUPPLIED RESPIRATOR IF TLV IS EXCEEDED.

Ventilation:PROVIDE ADEQUATE GENERAL MECHANICAL AND LOCAL EXHAUST VENTILATION.

Protective Gloves:RESISTANT GLOVES.

Eye Protection:CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:WEAR

FULL PROTECTIVE CLOTHING INCLUDING

APRON AND LONG SLEEVES. WEAR IMPERVIOUS CLOTHING AND BOOTS.

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

Supplemental Safety and Health

CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTY DUE TO RETAINED RESIDUE; THEREFORE ALL PRECAUTIONS GIVEN IN THIS DATA SHEET MUST BE OBSERVED.

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

HCC:B1

Boiling Pt:B.P. Text:270F,132C

Vapo

r Pres:1
Spec Gravity:1.20-1.33
Solubility in Water:APPRECIABLE
Appearance and Odor:WHITE LIQUID. ODORLESS.

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

Stability Indicator/Materials to Avoid:YES
WATER, ACIDS, ORGANIC MATERIALS, CHLOROFORM & METYL ALCOHOL,
NITROPROPANE, ETC.
Stability Condition to Avoid:MOISTURE.
Hazardous Decomposition Products:IN CONTACT WITH SOME METALS, HYDROGEN
GAS IS GENERATED.

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

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Waste Disposal Methods:TO BE PERFORMED IN COMPLIANCE WITH ALL CURRENT
LOCAL, STATE AND FEDERAL REGULATIONS.

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