

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

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

Product ID:POTASSIUM HYDROXIDE 31%

MSDS Date:01/01/1991

FSC:6810

NIIN:00-543-4041

MSDS Number: BFDNQ

=== Responsible Party ===

Company Name:SPECTRUM CHEMICAL MANUFACTURING CORP.

Address:14422 SOUTH SAN PEDRO STREET

City:GARDENA

State:CA

ZIP:90248-2027

Country:US

Info Phone Num:7

14-864-2310/213-516-8000

Emergency Phone Num:714-864-2310/213-516-8000

Preparer's Name:C.A. EISENHARD

CAGE:63415

=== 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 LABORATORY PRODUCTS INC

Address:14422 S SAN PEDRO ST

Box:City:GARDENA

State:CA

ZIP:90248-2027

Country:US

Phone:310-516-8000/FAX: 310-516-9843

CAGE:63415

===== Com

position/Information on Ingredients =====

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

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC
:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE-HIGHLY CAUSTIC & TOXIC.FATAL
INJURY POSSIBLE.CAUSES SEVERE BURNS ON CONTACT WITH ANY BODY
TISSUE.DEEP ULCERATION MAY RESULT.CAN DAMAGE EYES SEVERELY
RESULTING IN BLINDNESS. BREATHING DUSTS/FUMES IN HIGHLY CORROSIVE
TO THE RESPIRATORYPASSAGES.ORAL: BURNS,ULCERATION,PAIN.CHRONIC-MAY
CAUSE DERMATITIS & INFLAMMATION

Explanation of Carcinogenicity:PRODUCT CONTAINS NO MATERIALS CURRENTLY
CLASSIFIED AS CARCINOGENIC BY NTP, IARC
OR OSHA.

Effects of Overexposure:HIGHLY CAUSTIC & TOXIC. FATAL INJURY POSSIBLE.
CAUSES SEVERE BURNS ON CONTACT WITH ANY BODY TISSUE. DEEP
ULCERATION MAY RESULT. CAN DAMAGE EYES SEVERELY RESULTING IN
BLINDNESS. BREATHING DUSTS/FUMES I N HIGHLY CORROSIVE TO THE
RESPIRATORY PASSAGES. ORALLY CAN CAUSE BURNS, ULCERATION AND PAIN.

Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN DISORDERS MAY BE
MORE SUSCEPTIBLE TO THIS MATERIAL.

===== First Aid Measures

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First Aid:GET MEDICAL ATTENTION IMMEDIATELY.EYE/SKIN: IMMEDIATELY FLUSH
WITH WATER FOR AT LEAST 15 MINUTES.HOLD EYELIDS OPEN.
INHALED:REMOVE TO FRESH AIR & PROVIDE OXYGEN/CPR IF NEEDED.ORAL:DO
NOT INDUCE VOMITI NG.IF CONSCIOUS,DRINK 1-2 GLASSES OF WATER.CALL A
PHYSICIAN IMMEDIATELY.

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

Flash Point:NONE
Autoignition Temp:Autoignition Temp Text:NONE
Extinguishing Media:WATER. DO NOT SPLATTE

R OR SPLASH THIS MATERIAL.

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:HIGHLY TOXIC FUMES.

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

Spill Release Procedures:NEUTRALIZE AND COLLECT FOR PROPER DISPOSAL.

Neutralizing Agent:WEAK ACID

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

Handling and

Storage Precautions:STORAGE-STORE IN A DRY AREA AWAY FROM INCOMPATIBLE MATERIALS.

Other Precautions:KEEP CONTAINER TIGHTLY CLOSED. DO NOT BREATHE FUMES/ VAPOR. KEEP AWAY FROM EASILY IGNITABLE MATERIALS. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. MAY REACT VIOLENTLY WITH WATER, STEAM OR SOLVENTS.

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

Respiratory Protection:NIOSH/MSHA APPROVED SUPPLIED AIR RESPIRATOR SHOULD BE WORN IN THE ABSENCE OF ADEQUATE VENTILATION.

Ventilation:LOCAL/GENERAL

Protective Gloves:NITRILE

Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS

Other Protective Equipment:IMPERVIOUS PROTECTIVE CLOTHING SHOULD BE WORN TO PREVENT SKIN CONTACT.EYE WASH AND SAFETY EQUIPMENT SHOULD BE AVAILABLE.

Work Hygienic Practices:DO NOT TAKE INTERNALLY. WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

MAY REACT EXPLOSIVELY WITH CHLORINE, CHLORINE DIOXIDE, CHLORINE & HYDROGEN PEROXIDE, CHLOROFORM & METHYL ALCOHOL, MALEIC ANHYDRIDE, 1,2-DICHLOROETHYLENE, N-METHYL-N-NITROSO UREA & METHYLENE CHLORIDE, NITROETHANE, NITROGEN TRICHLORIDE, NITROMETHANE, NITROPARAFFINS, O-NITROPHENOL, NITROPROPANE, N-NITROSOMETHYL-UREA.

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

HCC:B1

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

Vapor Pres:1

Spec Gravity:1.29 - 1.33

Solubility in Water:APPRECIABLE

Appearance and Odor:WHITE ODORLESS LIQUID.

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

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Stability Indicator/Materials to Avoid: YES

WATER, ACIDS, ORGANIC MATERIALS, ACRYLONITRILE

Stability Condition to Avoid: HIGH HEAT, OPEN FLAMES AND MOISTURE

Hazardous Decomposition Products: IN CONTACT WITH SOME METALS, HYDROGEN GAS IS GENERATED.

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

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

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