

SPECTRUM CHEMICAL MANUFACTURING CORP. -- POTASSIUM HYDROXIDE -- 6810-00-281-9827

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Product Identification
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Product ID:POTASSIUM HYDROXIDE

MSDS Date:05/02/1991

FSC:6810

NIIN:00-281-9827

MSDS Number: BDTFH

=== 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:213-516-80

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Emergency Phone Num:213-516-8000, CHEMTREC 800-424-9300

CAGE:63415

=== Contractor Identification ===

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

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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: >85%

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:ORAL RAT:365MG/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Health Hazards Acute and Chronic:ACUTE:SEVERE IRRITATION/BURNS OF EYES,
SKIN AND RESPIRATORY OR GI TRACT,SEVERE REDNESS OF EYES,BLURRED
VISION. CHRONIC: LUNGS OR G.I. TRACT DAMAGE,DERMATITIS;CORROSIVE TO
ALL BODY TISSUE.

Effects of Overexposure:SEE HEALTH

HAZARDS DATA.

Medical Cond Aggravated by Exposure:PRE-EXISTING CONDITIONS MAY BE WORSEN.

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First Aid Measures
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First Aid:INHALATION:REMOVE TO FRESH AIR;SEE MEDICAL HELP IMMEDIATELY.
EYES:FLUSH WITH PLENTY OF WATER FOR 15 MINUTES,CALL A PHYSICIAN AT ONCE. SKIN:WASH WITH LARGE AMOUNTS OF WATER. INGESTION:SEEK MEDICAL HELP IMMEDIATELY.

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Fire Fighting Measures
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Flash Point:NONE
Extinguishing Media:DRY CHEMICAL,CO2,FOAM,WATER SPRAY.
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA IN AN ENCLOSED AREA.
Unusual Fire/Explosion Hazard:NEGLIGIBLE FIRE OR EXPLOSION HAZARD.

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Accidental Release Measures
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Spill Release Procedures:USE PROPER PERSONAL PROTECTION;COLLECT SOLID MATERIAL IN AIR TIGHT CONTAINER OR DILUTE WITH WATER,USE SUITABLE INERT ABSORBENT MATERIAL & RECOVER FOR PROPER DISPOSAL.WASH THE SURFACE WITH PLENTY OF WATER.
Neutralizing Agent:DIL,ACIDS.

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Handling and Storage
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Handling and Storage Precautions:STORE IN COOL,DRY AREA.KEEP AWAY FROM OXIDIZERS & ACIDS.

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Exposure Controls/Personal Protection
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Respiratory Protection:USE NIOSH/MSHA APPROVED SCBA OR RESPIRATOR FOR VAPORS/MIST IF ABOVE TLV/PEL.
Ventilation:LOCAL EXHAUST/GENERAL TO MAINTAIN PEL/TLV.
Protective Gloves:IMPERVIOUS.
Eye Protection:CHEMICAL GOGGLES/FACE SHIELD

Other Protective Equipment:EYE-WASH,SAFETY SHOWER,FULL SKIN AND EYE PROTECTION.

Work Hygienic Practices:AVOID CONTACT WITH EYES AND SKIN;DO NOT BREATHE VAPORS/MIST WASH THOROUGHLY AFTER EACH USE.

Supplemental Safety and Health

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

HCC:B1

Boiling Pt:=1320.C, 2408.F

Melt/Freeze Pt:=361.C, 681.8F

Spec Gravity:2.044

pH:13.5

Solubility in Water:COMPLETE

Appearance and Odor:HYGROSCOPIC, ODORLESS, WHITE OR SLIGHTLY YELLOW

LUMPS, RODS, PELLETS, OR FLAKES

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZER, ACID/METALS.

Stability Condition to Avoid:WATER/EXTREME HEAT.

Hazardous Decomposition Products:HEAT,FLAMMABLE HYDROGEN.

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

Waste Disposal Methods:DISPOSE OF COLLECTED MATERIAL IN ACCORDANCE WITH LOCAL,STATE AND FEDERAL REGULATIONS.

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