

MALLINCKRODT INC -- POTASSIUM HYDROXIDE -- 6810-00-234-8366

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

Product ID:POTASSIUM HYDROXIDE

MSDS Date:04/06/1989

FSC:6810

NIIN:00-234-8366

MSDS Number: BJNVJ

=== Responsible Party ===

Company Name:MALLINCKRODT INC

Address:675 MCDONNELL BLVD

Box:5840

City:SAINT LOUIS

State:MO

ZIP:63134

Country:US

Info Phone Num:314-539-1600

Emergency Phone Num:314-539-1600

CAGE:379

40

=== Contractor Identification ===

Company Name:MALLINCKRODT INC

Address:675 MCDONNELL BLVD

Box:5840

City:ST. LOUIS

State:MO

ZIP:63134

Country:US

Phone:314-539-1600

CAGE:37940

Company Name:SANCHEZ & ASSOCIATES

Address:476 WEST FOGG STREET

Box:1649

City:COLTON (MAY BE OUT OF BUSINESS !)

State:CA

ZIP:92324

Country:US

Phone:714-370-3921/FAX824-0341 ALL WRONG#

CAGE:0HF19

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  
Company Name:VENUS LABORATORIES INC  
Address:15571 COMMERCE LANE  
Box:City:HUNTINGTON BEACH  
State:CA  
ZIP:92649  
Country:US  
Phone:714-881-3100  
CAGE:0N140

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

Ingred Name:POTASSIUM HYDROXIDE (SARA III)  
CAS:1310-58-3  
RTECS #:TT2100000  
Fraction by Wt: 100%  
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 =====

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 365 MG/KG (SOLUTION)  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:CORROSIVE LIQUID WILL BURN EYES/SKIN/  
RESPIRATORY TRACT. CAN CAUSE BLINDNESS. CAUSES DESTRUCTIVE TISSUE  
DAMAGE AND SCARRING. MAY LEAD TO SKIN DERMATITIS. INGESTION OF  
LIQUID OR MIST WILL CAUSE SEVERE BURNING AND IRRITATION TO MUC  
OUS  
MEMBRANES, MOUTH, THROAT AND GASTROINTESTINAL TRACT. CAN CAUSE  
SEVERE PNEUMONITIS.  
Explanation of Carcinogenicity:THE COMPONENTS OF THIS PRODUCT HAVE NOT  
SHOWN ANY EVIDENCE OF BEING CARCINOGENIC.  
Effects of Overexposure:OVEREXPOSURE MAY LEAD TO RESPIRATORY  
IRRITATION, NAUSEA, FATIGUE, DIZZINESS, HEADACHES, UNCONSCIOUSNESS,  
DERMATITIS AND EYE IRRITATION. MATERIAL IS CORROSIVE AND WILL BURN  
EXPOSED TISSUE. INGESTION MAY RESULT IN ASTHMA-LIKE REACTIONS  
(WHEEZING, CO

UGHING AND SHORTNESS OF BREATH).

Medical Cond Aggravated by Exposure: PERSONS WITH A SKIN DISORDER, EYE DISORDERS, OR IMPARED RESPIRATORY FUNCTION SHOULD USE CAUTION WHEN HANDLING OR USING THIS PRODUCT.

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

First Aid: SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. INHALATION: REMOVE TO FRESH AIR & RESTORE BREATHING IF NECESSARY. GET MEDICAL ATTENTION.

EYE : IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. INGESTION: DRINK WATER/MILK TO DILUTE. DO NOT INDUCE VOMITING. NOTHING BY MOUTH IF UNCONSCIOUS. CALL DR.

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

Extinguishing Media: USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL AS APPROPRIATE FOR SURROUNDINGS.

Fire Fighting Procedures: FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT

WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard: FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

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

Spill Release Procedures: CONTAIN SPILL AND VACUUM RECOVER TO A SEPTIC TANK TRUCK. DO NOT ALLOW RUNOFF TO A SEWER UNLESS MATERIAL IS DILUTED AND NEUTRALIZED WITH DILUTE ACID SOLUTION.

Neutralizing Agent: 5% ACETIC ACID (VINEGAR)

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

Handling and Storage Precautions: STORE IN A COOL, DRY, VENTILATED WORK AREA. KEEP CONTAINERS CLOSED WHEN NOT IN USE. PLACE STORAGE TANKS IN A DIKED CONTAINMENT AREA.

Other Precautions: SPILLAGE CAN BE SLIPPERY.

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

Respiratory Protection: NOT NORMALLY REQUIRED. USE NIOSH/MSHA APPROVED RESPIRATOR FOR HANDLING MIST IF PROLONGED CONTACT WITH M

ATERIAL.

Ventilation:ADEQUATE ROOM VENTILATION SUFFICIENT TO MEET TLV.

Protective Gloves:NEOPRENE OR RUBBER GLOVES

Eye Protection:NO CONTACTS. USE CHEMICAL SAFETY GOGGLES

Other Protective Equipment:EYE WASH. CHEMICAL APRON IS RECOMMENDED.

FULL RUBBER BOOTS RECOMMENDED. DO NOT WEAR THIN RUBBER COVERS OVER LEATHER SHOE

Work Hygienic Practices:DO NOT TAKE INTERNALLY. AVOID SKIN CONTACT.

WASH SKIN AFTER USING PRODUCT. DO NOT EAT, DRINK OR SMOKE IN WORK AREA.

Supplemental Safety and Health

CORROSIVE LIQUID - AVOID CONTACT. CONTACT LENSES SHOULD NOT BE WORN WHEN DEALING WITH THIS PRODUCT. KEEP EYE WASH AND QUICK DRENCH SHOWER FACILITIES AVAILABLE WHEN WORKING WITHN THIS MATERIAL.

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

HCC:B1

Boiling Pt:B.P. Text:2408F,1320C

Melt/Freeze Pt:M.P/F.P Text:680F,360C

Vapor Pres:1 @ 1326F

Spec Gravity:2.04

Solubility in Water:APPRECIABLE

Appearance and Odor:WHITE, DELIQUESCENT SOLID. NO ODOR.

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= Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

WATER,ACIDS,FLAMMABLE LIQUIDS, ORGANIC HALOGEN COMPOUNDS (ESPECIALLY TRICHLOROETHYLENE), NITRO COMPOUNDS, AL,ZN,SN.

Stability Condition to Avoid:MOISTURE

Hazardous Decomposition Products:LIBERATES FLAMMABLE HYDROGEN GAS ON CONTACT WITH ACTIVE METALS SUCH AS ZN,AL,SN.

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

Waste Disposal Methods:WASTE DILUTED AND NEUTRALIZED LIQUID COULD BE

FLUSHED TO A WASTE WATER TREATMENT SYSTEM VIA THE SEWER OR GIVEN TO A LICENSED DISPOSAL CONTRACTOR. CONFORM TO ALL APPLICABLE REGULATIONS. UNDILUTED MATERIAL IS A RCRA HAZARDOUS WASTE (CODE = D002).

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