

SODIUM HYDROXIDE

MSDS Number

BCYQD

National Stock Number

6810-00-101-7584

Product Name

SODIUM HYDROXIDE

Manufacturer

MALLINCKRODT INC SCIENCE PRODUCTS DIV

Product Identification

Product ID:SODIUM HYDROXIDE

MSDS Date:11/03/1985

FSC:6810

NIIN:00-101-7584

MSDS Number: BCYQD

Responsible Party

MALLINCKRODT, INC., SCIENCE PRODUCTS DIVISION

PARIS BYPASS

PARIS , KY 40361

US

Emergency Phone: 314-982-5000

Info Phone: 314-982-5000

Cage: DO886

Contractor

MALLINCKRODT, INC.

M

PARIS, KY 40361

US

314-982-5000

Cage: DO886

Ingredients

SODIUM HYDROXIDE (SARA III)

CAS: 1310-73-2

RTECS: WB4900000

Fraction By Weight: 100%

OSHA PEL2 MG/M3

ACGIH TLV: C 2 MG/M3; 9293

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

Hazards

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

Health Hazards:Acute and Chronic:ACUTE:CORROSIVE TO ALL BODY
TISSUES;MAY DAMAGE TISSUES;IRRITATION,BURNS OR BLINDNESS OF
EYES;SKIN BURNS,SCARRING; IRRITATION OF RESPIRATORY TRACT AND G.I.

TRACT;MAY DAMAGE LUNGS & G.I. SYSTEM CHRONIC: DERMATITIS;LUNGS & G.I. TRACT DAMAGE.

Effects of Overexposure:CORROSIVE TO TISSUE. INGEST:VOMIT, PROSTRATION,COLLAPSE,CONSTRICTIVE SCARING. INH:DAMAGE RESP TRACT Medical Cond Aggravated by Exposure:PRE-EXISTING CONDITIONS MAY BE WORSEN.

First Aid

First Aid:EYE:FLUSH W/PLENTY WATER FOR 15 MIN,CALL MD. SKIN:WASH AREA W/PLENTY OF WATER, THEN DILUTE VINEGAR OR FRUIT JUICE. DO NOT INDUCE VOMIT, CALL MD. INH:REMOVE FROM EXPOSURE, CALL MD. (GE MSDS REF) .

Fire Fighting

Flash Point:NONE

Extinguishing Media:NOT COMBUSTIBLE.

Fire Fighting Procedures:HOT MATERIAL MAY REACT VIOLENTLY W/WATER.

Unusual Fire/Explosion Hazard:MAY REACT W/CERTAIN METALS, SUCH AS ALUMINUM TO PRODUCE FLAMMABLE HYDROGEN GAS.

Accidental Release

Spill Release Procedures:SWEEP UP, DILUTE & NEUTRALIZE WITH 6M-HCL IN A LARGE BUCKET. WASH TO SEWER WITH EXCESS OF WATER.(GE MSDS REF) CAUTION! AVOID DUSTING WHEN CLEANING UP. DELAY IN CLEANUP MAY ALLOW ABSORBTION OF MOISTURE FROM ATMOSPHERE & INCREASE PROBLEMS INCLEANING.

Handling

Handling and Storage Precautions:KEEP CONTAINERS TIGHTLY CLOSED.

Other Precautions:HAZ DECOMPOSITION PRODUCTS:PRODUCT WILL SLOWLY ABSORB CO2 & H2O FROM AIR, FORMING SODIUM CARBONATE.(GE MSDS REF)

Exposure Controls

Respiratory Protection:NIOSH/MSHA APPROVED MASK.

Ventilation:MECHANICAL(GENERAL): TO KEEP BELOW TLV.

Protective Gloves:RUBBER

Eye Protection:GOGGLES

Other Protective Equipment:RUBBER BOOTS & APRONS, EYE WASH & SAFETY SHOWER(GE MSDS REF)

Supplemental Safety and Health

VP:VALUE IS AT 739C;1362F. SOL IN WATER: GE MSDS REF. CONTAINER:5 LBS.

SOL.IN WATER:42 GM/100 ML(MFR).FIRE & EXPLOSION INFORMATION FROM GE MSDS REF.

Chemical Properties

HCC:B1

Boiling Pt:≈1390.C, 2534.F

Spec Gravity:2.13

Solubility in Water:APPRECIABLE

Appearance and Odor:WHITE DELIQUESCENT PELLETS. ODORLESS.

Stability

Stability Indicator/Materials to Avoid:NO

ALUMINUM,STRONG ACIDS & MANY ORGANIC CHEMICALS. GE MSDS REF

Stability Condition to Avoid:ABSORB CO2/H2O FROM AIR FORMING SODIUM CARBONATE(GE MSDS)

Hazardous Decomposition Products:SEE OTHER PRECAUTIONS.

Disposal

Waste Disposal Methods:MFR RECOMMENDS TO POUR INTO LARGE TANK OF WATER & NEUTRALIZE. TRANSFER TO SEWER WITH EXCESS OF WATER. DISPOSAL METHOD MUST BE IAW FED. STATE & LOCAL CODES.

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