
SODIUM HYDROXIDE, 50% LIQUID

MSDS Number

BBPQX

National Stock Number

6810-00F004174

Product Name

SODIUM HYDROXIDE, 50% LIQUID

Manufacturer

OCCIDENTAL CHEMICAL

Product Identification

Product ID:SODIUM HYDROXIDE, 50% LIQUID

MSDS Date:01/01/1987

FSC:6810

NIIN:00F004174

MSDS Number: BBPQX

Responsible Party

OCCIDENTAL CHEMICAL/NIAGRA FALLS, NY 14302

Emergency Phone: (716) 278-7021

Cage: 91784

Contractor

OCCIDENTAL CHEMICAL CORP (OXYCHEM)SHORT ABBREVIAT

728

NIAGARA FALLS, NY 14302

US

1-800-733-3665

Cage: 91784

Ingredients

SODIUM HYDROXIDE (SARA III)

CAS: 1310-73-2

RTECS: WB4900000

Fraction By Weight: 50.0%

OSHA PEL2 MG/M3

ACGIH TLV: C 2 MG/M3; 9293

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

Hazards

Effects of Overexposure:INHALATION: CAUSE BURNS/PERMANENT SCARRING.
EYE/SKIN: CAUSE IRRIT. INGESTION: NAUSEA/VOMITING.

First Aid

First Aid:INHALATION: MOVE TO FRESH AIR. IF BREATHING STOP, PERFORM
ARTIFICIAL RESP. SKIN: FLUSH W/WATER & SOAP. EYES: FLUSH WATER FOR
15 MINUTES. INGESTION: IF PERSON IS CONCIOUS, ADMINISTER LARGE
QUANTITIES O F WATER. DON'T INDUCE VOMITING. GET MEDATT.

Fire Fighting

Extinguishing Media:EXTINGUISHING AGENTS SUITABLE FOR SURROUNDING FIRE_
Fire Fighting Procedures:USE SAFETY EQUIPMENT AS MAY BE SUITABLE FOR
SODIUM HYDROXIDE
Unusual Fire/Explosion Hazard:SODIUM HYDROXIDE MAY CAUSE LOCALIZED
OVERHEATING/POSSIBLE SPLATTERING.

Accidental Release

Spill Release Procedures:ONLY TRAINED PERSONNEL WEARING PROTECTIVE
EQUIPMENT SHOULD HANDLE SPILL CLEAN-UP. AVD PERSONAL CONTACT.
CONTAIN SPILL IF POSSIBLE; IF NOT, DILUTE/FLUSH W/WAR. IF SPILLS
ENTERS SEWER OR STREAMS, NOTIFY SEWER OR POLLUTION CONTROL
THORITY.

Handling

Handling and Storage Precautions:PREVENT POSSIBLE EYE/SKIN CONTACT BY
WEARING PROTECTIVE CLOTHING AND EQUIPMENT. STORAGE TANKS ST BE
VENTED AND DIKED.
Other Precautions:WHEN DILUTING, USE AGITATION AND ADD CONCENTRATED
CAUSTIC TO WATER AT A CONTROLLED RATE TO CONTROL HEAT OF
DILUTION/AVOID SPATTERING. DON'T ADD WATER TO SODIUM HYDROXIDE.

Exposure Controls

Respiratory Protection:USE NIOSH OR MSHA APPROVED RESPIRATORS
Ventilation:AVOID CREATION OF MIST OR SPRAY
Protective Gloves:RUBBER/NEOPRENE
Eye Protection:GOGGLES/FACE SHIELD
Other Protective Equipment:EYE WASH/SAFETY SHOWERS/RUBBER
SHOES/BOOTS/HARD HAT W/BRIM
Supplemental Safety and Health
MSDS DATE: 30 JUN 1985. PH: 14. MELTING POINT: 55F. SPECIFIC GRAVITY:
12.8 .

Chemical Properties

Boiling Pt:B.P. Text:145C
Vapor Pres:1.5
Spec Gravity:1.541
Solubility in Water:100%
Appearance and Odor:WATER WHITE TO SLIGHTLY GRAY SOLUTION

Stability

Stability Indicator/Materials to Avoid:YES
ACIDS/FLAMMABLE LIQUIDS/ORGANIC HALOGEN CPDS/METALS
Stability Condition to Avoid:DON'T STORE W/MATL'S WHICH REACT WITH NAOH

Hazardous Decomposition Products:NONE

Disposal

Waste Disposal Methods:DISPOSE IN APPROVED CHEMICAL DISPOSAL AREA OR IN
A MANNER WHICH COMPLIES WITH ALL LOCAL, STATE AND FEDERAL
REGULATION. DO NOT FLUSH TO SEWER.

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