



Product Information (203) 740-3471 / Emergency Assistance CHEMTREC 1-800-424-9300 or 202-483-7616

MATERIAL SAFETY DATA SHEETS

Part Number/Trade Name: SODIUM HYDROXIDE 50%
This MSDS is valid for all grades and catalog numbers

General Information

Company's Name: PHARMCO PRODUCTS, INC.
Company's Street: 58 VALE RD.
Company's City: BROOKFIELD
Company's State: CT
Company's Zip Code: 06804
Company's Emerg Ph #: (800) 424-9300
Chemtrec
Company's Info Ph #: (203) 740-3471

Date MSDS Revised: Nishant-8/23/99
Safety Data Review Date: 8/23/99
Preparer's Company: PHARMCO PRODUCTS, INC.
Preparer's St Or P. O. Box: 58 VALE RD.
Preparer's City: BROOKFIELD
Preparer's State: CT
Preparer's Zip Code: 06804

Ingredients/Identity Information

Ingredient: SODIUM HYDROXIDE (SARA III)
Ingredient Sequence Number: 01
Percent: 50.0
NIOSH (RTECS) Number: WB4900000

CAS Number: 1310-73-2
OSHA PEL: 2 MG/M3
ACGIH TLV: C 2 MG/M3; 9293

Physical/Chemical Characteristics

Appearance And Odor: WATER WHITE TO SLIGHTLY GRAY SOLUTION
Boiling Point: 145C

Vapor Pressure (MM Hg/70 F): 1.5
Specific Gravity: 1.541
Solubility In Water: 100%

Fire and Explosion Hazard Data

Extinguishing Media: EXTINGUISHING AGENTS SUITABLE FOR SURROUNDING FIRE_
Special Fire Fighting Proc: USE SAFETY EQUIPMENT AS MAY BE SUITABLE FOR SODIUM HYDROXIDE
Unusual Fire And Expl Hazrds: 0SODIUM HYDROXIDE MAY CAUSE LOCALIZED OVERHEATING/POSSIBLE SPLATTERING.

Reactivity Data

Stability: YES

Cond To Avoid (Stability): DON'T STORE W/MATL'S WHICH REACT WITH NAOH _

Materials To Avoid: ACIDS/FLAMMABLE LIQUIDS/ORGANIC HALOGEN CPDS/METALS

Hazardous Decomp Products: NONE

Hazardous Poly Occur: NO

Health Hazard Data

Signs/Symptoms Of Overexp: INHALATION: CAUSE BURNS/PERMANENT SCARRING.

EYE/SKIN: CAUSE IRRIT. INGESTION: NAUSEA/VOMITING.

Emergency/First Aid Proc: 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 CONCIIOUS, ADMINISTER LARGE QUANTITIES OF WATER. DON'T INDUCE VOMITING. GET MED ATT.

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: 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.

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

FLUSH TO SEWER.

Precautions-Handling/Storing: 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 SPITTING. DON'T ADD WATER TO SODIUM HYDROXIDE.

Control Measures

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

Suppl. Safety & Health Data: MSDS DATE: 30 JUN 1985. PH: 14. MELTING

POINT: 55F. SPECIFIC GRAVITY: 12.8 .

Transportation Data

DOT: Sodium Hydroxide, Solution, 8, UN1824, PG II

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Disposal Data

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Landfill Ban Item: YES
55F. SPECIFIC GRAVITY: 12.8 . IN CASE
OF ACCIDENTAL EXPOSURE OR
DISCHARGE,
CONSULT HEALTH AND SAFETY FILE
FOR PRECAUTIONS.

1st EPA Haz Wst Code New: D002
1st EPA Haz Wst Name New: CORROSIVE
1st EPA Haz Wst Char New: CORROSIVITY
1st EPA Acute Hazard New: NO

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Label Data

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Common Name: SODIUM HYDROXIDE, 50% LIQUID
Special Hazard Precautions: INHALATION: CAUSE BURNS/ PERMANENT SCARRING.
EYE/SKIN: CAUSE IRRIT. INGESTION: NAUSEA/VOMITING.

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The information contained herein is based on data considered to be accurate. However, no warranty is expressed regarding the accuracy of these data or the results to be obtained from the use thereof. It is the user's obligation to determine the conditions of safe use of the product.