MATERIAL SAFETY DATA SHEETS

Part Number/Trade Name: SODIUM HYDROXIDE PELLETS

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General Information

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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 #: (203) 740-3471
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

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Ingredients/Identity Information

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Proprietary: NO
Ingredient: SODIUM HYDROXIDE (SARA III)
Ingredient Sequence Number: 01
Percent: >97

NIOSH (RTECS) Number: WB4900000
CAS Number: 1310-73-2
OSHA PEL: 2 MG/M3
ACGIH TLV: C 2 MG/M3; 9293

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Physical/Chemical Characteristics

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Appearance And Odor: WHITE, DELIQUESCENT PIECES, LUMPS OR STICKS.
Boiling Point: 2534F,1390C

Melting Point: UNKNOWN
Specific Gravity: 2.120
Decomposition Temperature: UNKNOWN
Solubility In Water: APPRECIABLE

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Fire and Explosion Hazard Data

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Flash Point: NONE
Extinguishing Media: WATER
Special Fire Fighting Proc: FLOOD WITH WATER, DO NOT SPLASH OR SPLASH MATERIAL
Unusual Fire And Expl Hazards: NONCOMBUSTIBLE BUT SOLID FORM IN CONTACT WITH MOISTURE MAY GENERATE SUFFICIENT HEAT TO SEE SUP DATA

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Sodium Hydroxide, Page 1 of 3
Reactivity Data

Stability: YES
Materials To Avoid: MOISTURE, METALS, EXPLOSIVES, ORGANIC PEROXIDES
Hazardous Decomp Products: MAY GENERATE HYDROGEN GAS ON CONTACT WITH METALS
Hazardous Poly Occur: NO

Health Hazard Data

Signs/Symptoms Of Overexp: HIGHLY CORROSIVE ACTION UPON BODY TISSUE.
Emergency/First Aid Proc: SPEED IN REMOVING THIS CAUSTIC MATERIAL IN CONTACT WITH SKIN IS OF VERY IMPORTANCE TO AVOID BURNS. REMOVE ALL CONTAMINATED CLOTHING AT ONCE AND GIVE SHOWER UNDER DELUGE TUPE OF WATER.
IRRIGATE EYES WITH WARM WATER FOR AT LEAST 15 MINUTES.

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: COLLECT AND REMOVE WITH A BROOM IN A LARGE BUCKET. DILUTE WITH WATER AND NEUTRALIZE WITH 6M HCL. DRAIN INTO A SEWER WITH SUFFICIENT WATER.
Waste Disposal Method: PUT INTO A LARGE VESSEL CONTAINING WATER.
NEUTRALIZE WITH 6M HCL. DISCHARGE INTO THE SEWER WITH SUFFICIENT WATER.
Precautions-Handling/Storing: PROTECT AGAINST PHYSICAL DAMAGE OF CONTAINERS. STORE IN A DRY PLACE. PROTECT AGAINST MOISTURE. STORE SEPARATELY FROM ACIDS, METALS, OXIDIZING MATERIALS.
Other Precautions: AVOID SKIN CONTACT.

Control Measures

Respiratory Protection: NIOSH/MSHA APPROVED RESP DEVICE IN ACCORD WITH EXPOSURE OF CONCERN.
Ventilation: LOCAL/MECHANICAL
Protective Gloves: RUBBER
Eye Protection: GOGGLES
Other Protective Equipment: PLASTIC OVERALLS

Transportation Data

Trans Data Review Date: 84115
DOT PSN Code: NGU
DOT Proper Shipping Name: SODIUM HYDROXIDE, SOLID
DOT Class: 8
DOT ID Number: UN1823
DOT Pack Group: II
DOT Label: CORROSIVE
IMO PSN Code: NSX
IMO Proper Shipping Name: SODIUM HYDROXIDE, SOLID
IMO Regulations Page Number: 8225
IMO UN Number: 1823
IMO UN Class: 8
IMO Subsidiary Risk Label: -
IATA PSN Code: WSO
IATA UN ID Number: 1823
IATA Proper Shipping Name: SODIUM HYDROXIDE, SOLID
IATA UN Class: 8
IATA Label: CORROSIVE
AFI PSN Code: WSO
AFI Basic Pac Ref: 12-7

Disposal Data

Landfill Ban Item: YES
1 LB BOTTLE IN CASE OF ACCIDENTAL EXPOSURE OR DISCHARGE, CONSULT HEALTH AND SAFETY FILE FOR PRECAUTIONS.
1st EPA Haz Wst Name New: NOT REGULATED
1st EPA Haz Wst Char New: NOT REGULATED BY RCRA
1st EPA Acute Hazard New: NO

Label Data

Label Required: YES
Label Status: F
Special Hazard Precautions: CONTACT CAUSES BURNS TO SKIN AND EYES. IF INHALED, MAY BE HARMFUL. FIRE MAY PRODUCE IRRITATING OR POISONOUS GASES. RUNOFF FROM FIRE CONTROL OR DILUTION WATER MAY CAUSE POLLUTION.

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.

--Revised by Nishant, 8/23/99