

An ISO 9001:2000
Certified Company



THE POWER OF THREE³

PHARMCO-AAPER

AND COMMERCIAL ALCOHOLS

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 PELLETS
This MSDS is valid for all grades that start with catalog number 289

General Information

PHARMCO-AAPER

58 Vale Road
Brookfield, CT 06804
Phone (203) 740-3471
Fax (203) 740-3481

1101 Isaac Shelby Drive
Shelbyville, KY 40065
Phone (502) 633-0650
Fax (502) 633-0685

Ingredients/Identity Information

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

Physical/Chemical Characteristics

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

Fire and Explosion Hazard Data

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

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

AFI Basic Pac Ref: 12-7

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 Prop. Shipping Name: SODIUM

HYDROXIDE, SOLID

AFI Class: 8

AFI ID Number: UN1823

AFI Pack Group: II

AFI Label: CORROSIVE

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.

Regulatory Data

Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) requires notification of the National Response Center of release of quantities of Hazardous Substances equal or greater than the reportable quantities (RQs) in 40 CFR 302.4. Components present in this product at a level which could require reporting under the statute are:

| Chemical Name | CAS Number | RQ |
|------------------|------------|---------|
| Sodium hydroxide | 1310-73-2 | 1b1,000 |

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.