



An ISO 9001:2000
Certified Company

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

MATERIAL SAFETY DATA SHEETS

Part Number/Trade Name: Potassium Hydroxide
This MSDS is valid for all grades that start with catalog number 287

General Information

Company's Name: PHARMCO PRODUCTS, INC.	Safety Data Review Date: 8/23/99
Company's Street: 58 VALE RD.	Preparer's Company: PHARMCO PRODUCTS, INC.
Company's City: BROOKFIELD	Preparer's St Or P. O. Box: 58 VALE RD.
Company's State: CT	Preparer's City: BROOKFIELD
Company's Zip Code: 06804	Preparer's State: CT
Company's Emerg Ph #: (203) 740-3471	Preparer's Zip Code: 06804
Company's Info Ph #: (203) 740-3471	
Date MSDS Revised: Nishant-8/23/99	

Ingredients/Identity Information

Ingredient: POTASSIUM HYDROXIDE (SARA III)	OSHA PEL: C, 2 MG/M3
Ingredient Sequence Number: 01	ACGIH TLV: C 2 MG/M3; 9293
Percent: >85	Other Recommended Limit: NONE
NIOSH (RTECS) Number: TT2100000	RECOMMENDED
CAS Number: 1310-58-3	

Physical/Chemical Characteristics

Appearance And Odor: HYGROSCOPIC, ODORLESS, WHITE OR SLIGHTLY YELLOW	Melting Point: 681F,361C
LUMPS, RODS, PELLETS, OR FLAKES.	Specific Gravity: 2.044
Boiling Point: 2408F,1320C	Solubility In Water: COMPLETE
	pH: 13.5

Fire and Explosion Hazard Data

Flash Point: NONE
Extinguishing Media: DRY CHEMICAL, CO2, FOAM, WATER SPRAY.
Special Fire Fighting Proc: USE NIOSH/MSHA APPROVED SCBA IN AN ENCLOSED AREA.
Unusual Fire And Expl Hazrds: NEGLIGIBLE FIRE OR EXPLOSION HAZARD.

Reactivity Data

Stability: YES
Cond To Avoid (Stability): WATER/EXTREME HEAT.
Materials To Avoid: STRONG OXIDIZER, ACID/METALS.
Hazardous Decomp Products: HEAT, FLAMMABLE HYDROGEN.
Hazardous Poly Occur: NO

Health Hazard Data

LD50-LC50 Mixture: ORAL RAT:365MG/KG

Route Of Entry - Inhalation: YES

Route Of Entry - Skin: YES

Route Of Entry - Ingestion: YES

Health Haz Acute And Chronic: ACUTE:SEVERE IRRITATION/BURNS OF EYES, SKIN LUNGS OR G.I. TRACT DAMAGE,DERMATITIS;CORROSIVE TO ALL BODY TISSUE.

Signs/Symptoms Of Overexp: SEE HEALTH HAZARDS DATA.

Med Cond Aggravated By Exp: PRE-EXISTING CONDITIONS MAY BE WORSEN.

Emergency/First Aid Proc: INHALATION:REMOVE TO FRESH AIR;SEE MEDICAL HELP IMMEDIATELY. EYES:FLUSH WITH PLENTY OF WATER FOR 15 MINUTES,CALL A PHYSICIAN AT ONCE. SKIN:WASH WITH LARGE AMOUNTS OF WATER. INGESTION:SEEK MEDICAL HELP IMMEDIATELY.

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: USE PROPER PERSONAL PROTECTION;COLLECT SOLID MATERIAL IN AIR TIGHT CONTAINER OR DILUTE WITH WATER,USE SUITABLE INERT ABSORBENT MATERIAL & RECOVER FOR PROPER DISPOSAL.WASH THE SURFACE WITH PLENTY OF WATER.

Neutralizing Agent: DIL,ACIDS.

Waste Disposal Method: DISPOSE OF COLLECTED MATERIAL IN ACCORDANCE WITH LOCAL,STATE AND FEDERAL REGULATIONS.

Precautions-Handling/Storing: STORE IN COOL,DRY AREA.KEEP AWAY FROM OXIDIZERS & ACIDS.

Control Measures

Respiratory Protection: USE NIOSH/MSHA APPROVED SCBA OR RESPIRATOR FOR VAPORS/MIST IF ABOVE TLV/PEL.

Ventilation: LOCAL EXHAUST/GENERAL TO MAINTAIN PEL/TLV.

Protective Gloves: IMPERVIOUS.

Eye Protection: CHEMICAL GOGGLES/FACE SHIELD.

Other Protective Equipment: EYE-WASH,SAFETY SHOWER,FULL SKIN AND EYE PROTECTION.

Work Hygienic Practices: AVOID CONTACT WITH EYES AND SKIN;DO NOT BREATHE VAPORS/MIST WASH THOROUGHLY AFTER EACH USE.

Transportation Data

Trans Data Review Date: 93210

DOT PSN Code: LZM

DOT Proper Shipping Name: POTASSIUM HYDROXIDE, SOLID

DOT Class: 8

DOT ID Number: UN1813

DOT Pack Group: II

DOT Label: CORROSIVE

IMO PSN Code: MDR

IMO Proper Shipping Name: POTASSIUM HYDROXIDE, SOLID

IMO Regulations Page Number: 8214

IMO UN Number: 1813

IMO UN Class: 8

IMO Subsidiary Risk Label: -

IATA PSN Code: UPT

IATA UN ID Number: 1813

IATA Proper Shipping Name: POTASSIUM HYDROXIDE, SOLID

IATA UN Class: 8

IATA Label: CORROSIVE

AFI PSN Code: UPT

AFI Prop. Shipping Name: POTASSIUM HYDROXIDE, SOLID

AFI Class: 8

AFI ID Number: UN1813

AFI Pack Group: II

AFI Label: CORROSIVE

AFI Basic Pac Ref: 12-7

Disposal Data

Refer to applicable regional, state and federal codes.

Label Data

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.