



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 and catalog numbers

### General Information

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

### Ingredients/Identity Information

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

### 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.

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Reactivity Data  
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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  
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Health Hazard Data  
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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.  
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Precautions for Safe Handling and Use  
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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.  
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Control Measures  
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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.  
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Transportation Data  
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Trans Data Review Date: 93210	IATA PSN Code: UPT
DOT PSN Code: LZM	IATA UN ID Number: 1813
DOT Proper Shipping Name: POTASSIUM HYDROXIDE, SOLID	IATA Proper Shipping Name: POTASSIUM HYDROXIDE, SOLID
DOT Class: 8	IATA UN Class: 8
DOT ID Number: UN1813	IATA Label: CORROSIVE
DOT Pack Group: II	AFI PSN Code: UPT
DOT Label: CORROSIVE	AFI Prop. Shipping Name: POTASSIUM HYDROXIDE, SOLID
IMO PSN Code: MDR	AFI Class: 8
IMO Proper Shipping Name: POTASSIUM HYDROXIDE, SOLID	AFI ID Number: UN1813
IMO Regulations Page Number: 8214	AFI Pack Group: II
IMO UN Number: 1813	AFI Label: CORROSIVE
IMO UN Class: 8	AFI Basic Pac Ref: 12-7
IMO Subsidiary Risk Label: -	

#### 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.