



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

MATERIAL SAFETY DATA SHEETS

Part Number/Trade Name: PHOSPHORIC ACID
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 #: (203) 740-3471
Company's Info Ph #: (203) 740-3471

Date MSDS Revised: Nishant-1/18/02
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

Proprietary: NO
Ingredient: PHOSPHORIC ACID (SARA III)
Ingredient Sequence Number: 01
Percent: 85

NIOSH (RTECS) Number: TB6300000
CAS Number: 7664-38-2
OSHA PEL: 1 MG/M3/3 STEL
ACGIH TLV: 1 MG/M3/3 STEL; 9192

Physical/Chemical Characteristics

Appearance And Odor: WATER WHITE LIQUID, NO ODOR
Boiling Point: 158C

Vapor Pressure (MM Hg/70 F): 6
Solubility In Water: MISCIBLE

Fire and Explosion Hazard Data

Flash Point: NONE
Special Fire Fighting Proc: SELF CONTAINED BREATHING APPARATUS & PROTECTIVE CLOTHING.
Unusual Fire And Expl Hazrds: PHOSPHORIC ACID CAN REACT WITH METALS TO PRODUCE HYDROGEN GAS

Reactivity Data

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Stability: YES
Materials To Avoid: COMMON METALS & ALKALIES(BASES)
Hazardous Poly Occur: NO
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Health Hazard Data
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Signs/Symptoms Of Overexp: EYE/SKIN:IRRITATION & SEVERE BURNS.
INGESTION:SEVERE IRRITATION & INTERNAL DAMAGE.
Emergency/First Aid Proc: EYE:FLUSH WITH WATER 15 MINUTES,OBTAIN MEDICAL
ATTN. SKIN:FLUSH WITH WATER,REMOVE CONTAMINATED CLOTHING UNDER THE
SHOWER
WITH WATER. INGESTION:DO NOT INDUE VOMITING,DILUTE ACID WITH LARGE
QUANTITIES OF WATER OR MILK,SEE A MD.
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Precautions for Safe Handling and Use
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Steps If Matl Released/Spill: REMOVE UNNECESSARY PERSONNEL. AVOID EYE/SKIN
CONTACT. NEUTRALIZE WITH CHEMICAL AGENTS.PICK UP. FON TO CONTAIN &
NEUTRALIZE.
Waste Disposal Method: COMPLY WITH LOCAL STATE AND FEDERAL REGULATIONS.
Precautions-Handling/Storing: STORE IN DRY WELL VENTED AREA. AVOID
FREEZING TEMP.STORE IN PROPEALLY CONSTRUCTED STORAGE TANKS.
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Control Measures
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Ventilation: GENERAL
Protective Gloves: RUBBER
Eye Protection: GOGGLES/FACE SHIELD
Other Protective Equipment: HARD HAT,RUBBER BOOTS,SAFETY SHOWER,EYE WASH
FOUNTAIN
Suppl. Safety & Health Data: CONTAINER SIZE:1 LB BOTTLE. PH:<1
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Transportation Data
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Trans Data Review Date: 86212
DOT PSN Code: LPJ
DOT Proper Shipping Name: PHOSPHORIC
ACID
DOT Class: 8
DOT ID Number: UN1805
DOT Pack Group: III
DOT Label: CORROSIVE
IMO PSN Code: LSR
IMO Proper Shipping Name: PHOSPHORIC
ACID, LIQUID
IMO Regulations Page Number: 8204
IMO UN Number: 1805
IMO UN Class: 8
IMO Subsidiary Risk Label: -
IATA PSN Code: TVT
IATA UN ID Number: 1805
IATA Proper Shipping Name: PHOSPHORIC
ACID
IATA UN Class: 8
IATA Label: CORROSIVE
AFI PSN Code: TVT
AFI Prop. Shipping Name: PHOSPHORIC
ACID
AFI Class: 8
AFI ID Number: UN1805
AFI Pack Group: III
AFI Label: CORROSIVE

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Disposal Data

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Disposal Data Review Date: 88041

Rec # For This Disp Entry: 02

Tot Disp Entries Per NSN: 002

Landfill Ban Item: YES

Disposal Supplemental Data: CONTAINER SIZE:1 LB BOTTLE. PH:<1 IN CASE OF
ACCIDENTAL EXPOSURE OR DISCHARGE, CONSULT HEALTH AND SAFETY 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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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.