

PHOSPHORIC ACID 85 PCT,TECH GRADE

MSDS Number

BSCZW

National Stock Number

6810-01-244-7686

Product Name

PHOSPHORIC ACID 85 PCT,TECH GRADE

Manufacturer

ALBRIGHT AND WILSON CO THE

Product Identification

Product ID:PHOSPHORIC ACID 85 PCT,TECH GRADE

MSDS Date:11/22/1991

FSC:6810

NIIN:01-244-7686

MSDS Number: BSCZW

Responsible Party

ALBRIGHT AND WILSON CO, THE

RICHMOND , VA 23260-6229

US

Emergency Phone: 803-554-1229/800-424-9300(CHEMTREC)

Info Phone: 803-554-1229

Cage: 0DPR6

Contractor

MAGNOLIA CHEMICALS AND SOLVENTS

10276

NEW ORLEANS, LA 70181-0278

US

504-733-6600

Cage: 0LNB7

Ingredients

NO INGREDIENT FOR THIS FORMULATION_INGREDIENT

Hazards

LD50 LC50 Mixture:TLV IS 1 MG/M3.

Routes of Entry: Inhalation:NO Skin:NO Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE- CORROSIVE. TOXIC BY INHALATION.
CAN CAUSE BURNS ON CONTACT. CHRONIC- UNKNOWN. TARGET ORGANS:EYES,
SKIN, RESPIRATORY AND GASTROINTESTINAL TRACTS.

Effects of Overexposure:CORROSIVE. SEVERE EYES, SKIN, RESPIRATORY AND
DIGESTIVE TRACTS IRRITATION AND BURNS

Medical Cond Aggravated by Exposure:NOT KNOWN

First Aid

First Aid:GET MEDICAL ATTENTION IMMEDIATELY. EYE/SKIN:IMMEDIATELY FLUSH
WITH WATER FOR AT LEAST 15 MINUTES. HOLD EYELIDS OPEN.

INHALED:REMOVE TO FRESH AIR & PROVIDE OXYGEN/CPR IF NEEDED. ORAL:DO
NOT INDUCE VOMITING. IF CONSCIOUS, DRINK LARGE AMOUNT OF
WATER/MILK. CALL A PHYSICIAN IMMEDIATELY. NEVER GIVE ANYTHING BY
MOUTH TO AN UNCONSCIOUS PERSON.

Fire Fighting

Flash Point:NONE

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS.

Accidental Release

Spill Release Procedures:WEAR FACE PROTECTION, RUBBER BOOTS, APRON AND GLOVES. DIKE SPILL WITH SAND OR CLAY TO KEEP IT OUT OF SEWER SYSTEM. NEUTRALIZE WITH SODA ASH. REQUIRES GOOD VENTILATION AS CO2 IS PRODUCED. PLACE NEUTRAL IZED SPILL IN DOT APPROVED DISPOSAL CONTAINER

Neutralizing Agent:SODA ASH

Handling

Handling and Storage Precautions:STORE IN PLASTIC, RUBBER-LINED OR 316 STAINLESS STEEL TANKS DESINED FOR H3PO4. STORE DRUMS AWAY FROM HEAT AND OUT OF DIRECT SUNLIGHT.

Other Precautions:KEEP OUT OF REACH OF CHILDREN. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. AVOID BREATHING MISTS OR VAPORS. WASH THOROUGHLY AFTER HANDLING.

Exposure Controls

Respiratory Protection:IF LEVELS EXCEED THE RECOMMENDED HEALTH STANDARDS, WEAR A NIOSH APPROVED RESPIRATOR FOR ACID. FOR EMERGENCY USE, WEAR A NIOSH APPROVED POSITIVE-PRESSURE MODE, SELF-CONTAINED BREATHING APPARATUS (SCBA) .

Ventilation:PROVIDE SUFFICIENT LOCAL EXHAUST VENTILATION TO CONTROL INHALATION EXPOSURES BELOW OSHA'S PEL.

Protective Gloves:NEOPRENE OR RUBBER

Eye Protection:SAFETY GOGGLES & FACE SHIELD

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER. INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

Chemical Properties

HCC:C1

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:316F,158C

Vapor Pres:2.2 @ 68F

Spec Gravity:1.69

pH:1.0

Evaporation Rate & Reference:NOT RELEVANT

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR, COLORLESS, SYRUPY LIQUID - NO ODOR

Stability

Stability Indicator/Materials to Avoid:YES

ALUMINUM, ZINC, IRON, ETC.. (LIBERATES OXYGEN)

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:PHOSPHORUS OXIDES

Disposal

Waste Disposal Methods:DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS. REPORTABLE QUANTITY (RQ) IS 5000 LBS.

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and

disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.