



chemists helping chemists in research & industry

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OCT 11 1991

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DATE: 10/07/91
CUST#: 523216
PO#: UNB21383

M A T E R I A L S A F E T Y D A T A S H E E T PAGE 1

----- IDENTIFICATION -----

PRODUCT #: 34241-6
CAS #: 7778-77-0
MF: H2K04P

NAME: POTASSIUM PHOSPHATE, MONOBASIC, 98+%

----- TOXICITY HAZARDS -----

NO TOXICITY DATA AVAILABLE

----- HEALTH HAZARD DATA -----

ACUTE EFFECTS

MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION.
MAY CAUSE IRRITATION.

FIRST AID

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES.

IN CASE OF CONTACT, IMMEDIATELY WASH SKIN WITH SOAP AND COPIOUS AMOUNTS OF WATER.

IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.

IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS.

CALL A PHYSICIAN.

WASH CONTAMINATED CLOTHING BEFORE REUSE.

----- PHYSICAL DATA -----

APPEARANCE AND ODOR
WHITE CRYSTALS

----- FIRE AND EXPLOSION HAZARD DATA -----

EXTINGUISHING MEDIA

WATER SPRAY.

CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM.

SPECIAL FIREFIGHTING PROCEDURES

WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

UNUSUAL FIRE AND EXPLOSION HAZARDS

EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

----- REACTIVITY DATA -----

INCOMPATIBILITIES

STRONG OXIDIZING AGENTS

PROTECT FROM MOISTURE.

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS

NATURE OF DECOMPOSITION PRODUCTS NOT KNOWN.

CONTINUED ON NEXT PAGE

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M A T E R I A L S A F E T Y D A T A S H E E T P A G E 2

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PRODUCT #: 34241-6
CAS #: 7778-77-0
MF: H2KO4P

NAME: POTASSIUM PHOSPHATE, MONOBASIC, 98+%

----- SPILL OR LEAK PROCEDURES -----

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

CHEMICAL SAFETY GOGGLES.
USE PROTECTIVE CLOTHING, GLOVES AND MASK.
SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL.
AVOID RAISING DUST.
VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

WASTE DISPOSAL METHOD

DISSOLVE IN WATER AND DILUTE TO A 5% SOLUTION. CHECK THE PH AND ADJUST IT TO 7 IF NECESSARY. POUR THE SOLUTION DOWN THE DRAIN WITH RUNNING WATER AND CONTINUE TO FLUSH THE DRAIN SYSTEM FOR 10 MINUTES, PROVIDED THAT RULES AT YOUR PLACE OF EMPLOYMENT OR LOCAL, STATE AND FEDERAL GUIDELINES ALLOW YOU TO DO SO. IF YOU ARE UNABLE TO FLUSH THE SOLUTION DOWN THE DRAIN OR IN DOUBT ABOUT THE SUITABILITY OF THE METHOD USE A LICENSED WASTE DISPOSAL COMPANY.

--- PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE ---

CHEMICAL SAFETY GOGGLES.
COMPATIBLE CHEMICAL-RESISTANT GLOVES.
NIOSH/MSHA-APPROVED RESPIRATOR IN NONVENTILLATED AREAS AND/OR FOR EXPOSURE ABOVE THE ACGIH TLV.
SAFETY SHOWER AND EYE BATH.
MECHANICAL EXHAUST REQUIRED.
DO NOT BREATHE DUST.
DO NOT GET IN EYES, ON SKIN, ON CLOTHING.
WASH THOROUGHLY AFTER HANDLING.
KEEP TIGHTLY CLOSED.

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STORE IN A COOL DRY PLACE.
LABEL PRECAUTIONARY STATEMENTS
HYGROSCOPIC

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