

EM DIAGNOSTIC SYSTEMS INC -- POTASSIUM HYDROGEN PHTHALATE,PX 1476,4876 --
6810-00-275-8134

===== Product Identification =====

Product ID:POTASSIUM HYDROGEN PHTHALATE,PX 1476,4876

MSDS Date:03/01/1991

FSC:6810

NIIN:00-275-8134

MSDS Number: CBQHR

=== Responsible Party ===

Company Name:EM DIAGNOSTIC SYSTEMS INC

Address:480 DEMOCRAT RD

Box:70

City:GIBBSTOWN

State:NJ

ZIP:08027

Country:US

Info Phone Nu

m:609-423-6300 / FAX 609-423-0671

Emergency Phone Num:609-423-6300

CAGE:0GDF9

=== Contractor Identification ===

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

Company Name:EM SCIENCE, A DIVISION OF EM INDUSTRIES

Address:480 DEMOCRAT RD

Box:70

City:GIBBSTOWN

State:NJ

ZIP:08027

Country:US

Phone:856-423-6300

CAGE:0GDF9

===== Composition/Information on Ingredients =====

Ingred Name:POTASSIUM ACID PHTHALATE

CAS:877-24-7

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

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===== Hazards Identification =====

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS UNKNOWN.

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

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

Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, RESPIRATORY AND GASTROINTESTINAL TRACTS. ACUTE AND CHRONIC- EYES:MAY CAUSE IRRITATION. INHALATION:DUS

T MAY CAUSE RESPIRATORY TRACT IRRITATION.

SKIN:PROLONGED CONTACT MAY CAUSE IRRITATION. ORAL:UNKNOWN.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION

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===== First Aid Measures =====

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN:REMOVE CONTAMINATED CLOTHING. WASH SKIN WITH SOAP & WATER. EYE:FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. INHALED:REMOVE TO FRESH AIR. PROVIDE OXYGEN/CPR IF NEEDED. ORAL:IF

CONSCIOUS, INDUCE

VOMITING IMMEDIATELY AS DIRECTED BY MEDICAL PERSONNEL. CALL A PHYSICIAN IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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===== Fire Fighting Measures =====

Flash Point:NONE

Extinguishing Media:USE WATER SPRAY, CARBON DIOXIDE (CO2), ALCOHOL FOAM OR DRY CHEMICAL. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:POWDERED MATERIAL MAY FORM EXPLOSIVE DUST-AIR MIXTURES.

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===== Accidental Release Measures =====

Spill Release Procedures:REMOVE IGNITION SOURCES. SWEEP UP SPILLAGE. AVOID CREATING DUST. PLACE SPILLAGE IN APPROPRIATE CONTAINER FOR LATER DISPOSAL. VENTILATE AREA AND WASH SPILL SITE WITH WATER.

Neutralizing Agent:NOT RELEVANT

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===== Handling and Storage =====

Handling and Storage Pr

Precautions:STORE IN COOL, DRY PLACE. KEEP CONTAINER TIGHTLY CLOSED. USE IN VENTILATED AREA.
Other Precautions:DO NOT RAISE DUST. AVOID CONTACT WITH EYES, SKIN OR CLOTHING. AVOID INHALATION OF DUST. WASH THOROUGHLY AFTER HANDLING MATERIAL. KEEP OUT OF REACH OF SMALL CHILDREN. DO NOT INGEST.

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===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE NORMALLY REQUIRED. IF AIRBORNE CONCENTRATION IS HIGH, WEAR A NIOSH-APPROVED DUST RESPIRATOR OR

DUST MASK.

Ventilation:GOOD GENERAL VENTILATION IS SUFFICIENT FOR MOST CONDITIONS (10 ROOM VOLUMES PER HOUR).

Protective Gloves:LATEX TO MINIMIZE SKIN CONTACT

Eye Protection:SAFETY GLASSES OR DUST GOGGLES

Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER, PROTECTIVE CLOTHING AND/OR UNIFORM

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

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===== Physical/Chemical Properties =====

HCC:N1

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:DECOMPOSES

Melt/Freeze Pt:M.P/F.P Text:DECOMPOSES

Decomp Temp:Decomp Text:563F,295C

Spec Gravity:1.64

Viscosity:NOT RELEVANT

Evaporation Rate & Reference:NOT RELEVANT

Solubility in Water:8%

Appearance and Odor:COLORLESS WHITE CRYSTALS - ODORLESS

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===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

Stability Condition to Avoid:EXCESSIVE HEAT

Hazardous Decomposition P

roducts:CARBON MONOXIDE, CARBON DIOXIDE,
POTASSIUM OXIDE

===== Disposal Considerations =====

Waste Disposal Methods:THE POWDER MAY BE BURIED IN A SANITARY LANDFILL.
ENSURE COMPLIANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

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