

FISHER SCIENTIFIC, CHEMICAL DIV. -- P243 100 POTASSIUM HYDROGEN PHTHALATE --  
6810-00-275-8134

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

Product ID:P243 100 POTASSIUM HYDROGEN PHTHALATE

MSDS Date:03/04/1996

FSC:6810

NIIN:00-275-8134

MSDS Number: BMDQB

=== Responsible Party ===

Company Name:FISHER SCIENTIFIC, CHEMICAL DIV.

Address:1 REAGENT LANE

City:FAIR LAWN

State:NJ

ZIP:07410

Country:US

Info Phone Nu

m:201-796-7100 OR 201-796-7523

Emergency Phone Num:201-796-7100/800-424-9300(CHEMTREC)

CAGE:1B464

=== Contractor Identification ===

Company Name:FISHER SCIENTIFIC CO

Address:2000 PARK LN

Box:City:PITTSBURGH

State:PA

ZIP:15275

Country:US

Phone:412-490-8586

CAGE:22527

Company Name:FISHER SCIENTIFIC CO. CHEMICAL MFG DIV

Address:1 REAGENT LANE

Box:City:FAIRLAWN

State:NJ

ZIP:07410-2802

Country:US

Phone:201-796-7100

CAGE:1B464

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

Ing

red 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:NONE SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:SKIN/EYE:MAY CAUSE IRRIT.LOW HAZ FOR  
NORMAL INDUSTRIAL HNDLG.INGEST:MAY CAUSE GASTROINTESTINAL IRRIT  
W/NAU,VOMIT,DIARR.INHAL:IF

HEATED DUST OR FUME MAY CAUSE  
RESPIRATORY TRACT IRRITL.CHRONIC:NO INFO F OUND.

Explanation of Carcinogenicity:PER MSDS:CARCINOGENICITY:NOT LISTED BY  
ACGIH,IARC,NIOSH,NTP,OSHA.

Effects of Overexposure:RESP TRACT/EYE/SKIN/GI TRACT  
IRRIT.NAUSEA,VOMITING,DIARRHEA

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.  
TARGET ORGANS:NONE.

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

First Aid:EYE:IMMED FLUSH W/PLENTY OF WATER FOR @LEAST 15MINS

OCCASIONALLY LIFT UPPER/LOWER LIDS.GET MED AID.SKIN:IRRIT  
DVLPS/PERSIST GET MED AID.FLUSH SKIN W/PLENTY OF  
SOAP/WATER.INGEST:VICTIM CONSC/ALERT GIVE 2-4 CUPFULS OF  
MILK/WATER.NEVER GIVE ANYTHING BY MOUTH IF UNCONSC.GET MED  
AID.INHAL:REMOVE FROM EXPO TO FRESH AIR IMMED.NOT BREATH GIVE ART  
RESP;DIFFI BREATH GIVE OXY.COUGH/OTHER SYMT APPEAR (SUPPLE)

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

Autoignition Temp:Autoignition Temp Text:NA

Lower Limits:

N/AVAI

Upper Limits:N/AVAI

Extinguishing Media:SM FIRE USE DRY CHEMICAL,CARBON DIOXIDE,WATER SPRAY  
OR ALCHOL-RESISTANT FOAM.

Fire Fighting Procedures:AS IN ANY FIRE WEAR SELF-CONTAINED BREATHING  
APPARATUS IN PRESSURE-DEMAND,MSHA/NIOSH(APPROV/EQUIV)&FULL  
PROTECTIVE FEAR.

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:USE PROPER PERSONAL PROTECTIVE EQPMT AS  
INDICATED IN MSD

S.VACUUM/SWEEP UP MATL & PLACE INTO SUITABLE  
DISPOSAL CNTNR.AVOID GENERATING DUSTY CONDITIONS.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage  
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Handling and Storage Precautions:AVOID PROL/REP CONTACT W/SKIN.USE  
W/ADEQU VENTI.STORE IN TIGHTLY CLOSED CONTAINER.STORE IN DRY AREA.  
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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Exposure Controls/Personal Protection  
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Respiratory Protection  
:FOLLOW OSHA RESPIRATOR REGULATIONS FOUND IN  
29CFR1910.134.ALWAYS USE NIOSH-APPROV RESPIRATOR WHEN NECESSARY.  
Ventilation:USE ADEQUATE VENTILATION TO KEEP AIRBORNE CONCENTRATIONS  
LOW.  
Protective Gloves:APPROPRIATE GLOVES  
Eye Protection:EYEGASSES,CHEM SAF GOGG FACE PROTECTION  
Other Protective Equipment:EYE PROTECTION IAW 29CFR1910.133.WEAR PROT  
CLOTH TO MIN SKIN CONTACT.  
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.  
Supplemental Safety and Health  
PH:4.1-4.5 5%SOLN. 1STAID:G  
ET MED AID.NOTE TO DR:TREAT  
SYMPT/SUPPORTIVELY.

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Physical/Chemical Properties  
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HCC:C3  
Boiling Pt:B.P. Text:N/AVAI  
Melt/Freeze Pt:M.P/F.P Text:487F,253C  
Decomp Temp:Decomp Text:N/AVAI  
Vapor Pres:N/AVAI  
Vapor Density:N/AVAI  
Spec Gravity:2.338  
pH:SUPPLE  
Viscosity:N/AVAI  
Evaporation Rate & Reference:N/AVAI  
Solubility in Water:33%, APPRECIABLE  
Appearance and Odor:SOLID, COLORLESS CRYSTALLINE POWDER, ODORLESS  
Percent Volatiles by Volume:NP  
Corrosion Rate

:NP

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

Stability Indicator/Materials to Avoid: YES  
MAY VIOLENTLY REAC W/STRONG BASES.  
Stability Condition to Avoid: INCOMPATIBLE MATERIALS.  
Hazardous Decomposition Products: OXIDES OF PHOSPHORUS

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

Waste Disposal Methods: DISPOSE OF IN MANNER CONSISTENT W/LOCAL, STATE  
AND FEDERAL REGULATIONS. RCRA NOT LISTED. NO SARA CHEM.

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