

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

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===== 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 Num:2  
01-796-7100 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

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===== 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: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 HE  
ATED 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  
O  
CCASIONALLY 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/A  
VAI  
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 MSDS.V

ACUUM/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:FO  
LOW 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:GET  
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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