

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:  
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

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

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d Name: POTASSIUM ACID PHTHALATE  
CAS: 877-24-7  
Fraction by Wt: 100%  
Other REC Limits: NONE RECOMMENDED

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Hazards Identification  
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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 H  
EATED DUST OR FUME MAY CAUSE  
RESPIRATORY TRACT IRRIT. 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  
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First Aid: EYE: IMMEDIATELY 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 IMMEDIATELY. NOT BREATH GIVE ART  
RESP; DIFFICULT BREATH GIVE OXY. COUGH/OTHER SYMPT APPEAR (SUPPLE)

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Fire Fighting Measures  
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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 GEAR.  
Unusual Fire/Explosion Hazard: NONE SPECIFIED BY MANUFACTURER.

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Accidental Release Measures  
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Spill Release Procedures: USE PROPER PERSONAL PROTECTIVE EQPMT AS  
INDICATED IN MSDS.

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:F  
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: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:N

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===== 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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