

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 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

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

Ingred

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

=====  
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.

=====  
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)

=====  
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.

=====  
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.

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

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.

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

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.

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

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.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.