

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

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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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