

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:

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 =====

Ingre

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/PLENTRY OF WATER FOR @LEAST 15MINS
OCCASIONALLY LIFT UPPER/LOWER LIDS. GET MED AID. SKIN: IRRIT
DVLPS/PERSIST GET MED AID. FLUSH SKIN W/PLENTRY 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 SYMT 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 =====

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 =====

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 =====

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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