

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

=====
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 H
EATED DUST OR FUME MAY CAUSE
RESPIRATORY TRACT IRRIT. CHRONIC: NO INFO FOUND.
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: 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)

=====
Fire Fighting Measures
=====

Autoignition Temp: Autoignition Temp Text: NA
Lower Limits: N/A
Upper Limits: N/A
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.

=====
Accidental Release Measures
=====

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.

=====
===== 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: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.

=====
===== 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

P

===== 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.