

FISHER SCIENTIFIC CHEMICAL DIVISION -- POTASSIUM IODATE -- 6810-00-136-6700

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Product Identification
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Product ID:POTASSIUM IODATE

MSDS Date:02/21/1991

FSC:6810

NIIN:00-136-6700

MSDS Number: BMXFN

=== Responsible Party ===

Company Name:FISHER SCIENTIFIC CHEMICAL DIVISION

Address:1 REAGENT LANE

City:FAIR LAWN

State:NJ

ZIP:07410

Country:US

Info Phone Num:201-796-7100

Emergency Phone Num:201

-796-7100/CHEMTREC 800-424-9300

CAGE:22527

=== 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

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Composition/Information on Ingredients
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Ingred Name:POTASSIUM IODATE

CAS:7758-05-6

RTECS #:NN1350000

Fraction by Wt: 100%

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Hazards Identification
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LD50 LC50 Mixture:IPR MOUSE 136 MG/KG

Routes of Entry: Inhalatio

n:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:MAY BE IRRITATING TO EYES,SKIN,MUCOUS MEMBRANES.BASED ON ANIMAL TESTING INGESTION OF IODATE SALTS MAY CAUSE NEPHROTOXIC AND HEMOLYTIC EFFECTS. LARGE DOSES IN DOGS CAUSES VOMITING.

Effects of Overexposure:EYE: IRRITATION. SKIN: MAY BE IRRITATING.

INHALED: IRRITATING TO RESPIRATORY TRACT. INGESTED: NO HUMAN DATA. PRODUCED EMESIS IN DOGS.

Medical Cond Aggravated by

Exposure:NONE LISTED BY MFR.

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===== First Aid Measures =====

First Aid:EYE:FLUSH WITH WATER. SKIN:WASH WITH SOAP & WATER.
INHALED:REMOVE FROM EXPOSURE. GIVE OXYGEN OR CPR IF NEEDED. GET MEDICAL ATTENTION. INGESTED:NO SPECIFIC ANTIDOTE. GIVE WATER AND INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point:NONE

Extinguishing Media:WATER ONLY

Fire Fighting Procedures:WEA

R SELF CONTAINED BREATHING APPARATUS. MOVE CONTAINERS FROM FIRE IF POSSIBLE.APPLY COOLING WATER TO SIDES OF CONTAINER UNTILL WELL AFTER FIRE IS OUT.

Unusual Fire/Explosion Hazard:NEGLIGIBLE FIRE HAZARD WHEN EXPOSED TO HEAT OR FLAME.

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

Spill Release Procedures:KEEP COMBUSTIBLES AWAY FROM SPILLED MATERIAL.FOR SMALL DRY SPILLS;WITH CLEAN SHOVEL PLACE MATERIAL INTO CLEAN DRY CONTAINER AND COVER.FOR LARGER SPILLS D

IKE FAR AHEAD OF SPILL FOR LATER DISPOSAL, KEEP UNNECESSARY PEOPLE AWAY.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY AREA, AWAY FROM ORGANICS, COMBUSTIBLES, ETC. (SEE INCOMPATIBLES)

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:USE NIOSH RESPIRATOR FOR DUSTS AND

HALOGENS OR

SUPPLIED AIR RESPIRATOR IF EXPOSED ABOVE TLV FOR NUISANCE DUSTS.

Ventilation:USE LOCAL EXHAUST IF NECESSARY TO REDUCE EXPOSURE

Protective Gloves:RUBBER/PLASTIC TO PREVENT SKIN CONTACT

Eye Protection:SPLASH/DUST PROOF GOGGLES

Other Protective Equipment:EYE WASH AND SAFETY SHOWER

Work Hygienic Practices:USE NORMAL CHEMICAL HYGIENE PRACTICES.

Supplemental Safety and Health

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

HCC:D1

NRC/State Lic Num:NOT RELEVANT

Me

It/Freeze Pt:=560.C, #####F

Decomp Temp:=100.C, 212.F

Spec Gravity:3.930

Solubility in Water:4.74GM

Appearance and Odor:COLORLESS TO WHITE CRYSTALS OR CRYSTALLINE POWDER,
NO ODOR

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

REACTIVE METALS,CARBON,ORGANICS,REDUCING AGENTS,SULFUR,
COPPER,ARSENIC,PHOSPHORUS,THIOCYANATES

Stability Condition to Avoid:NONE REPORTED BY MFR.

Hazardous Decomposition Products:THERMAL DECOMPOSITIO
N PRODUCT MAY

INCLUDE TOXIC FUMES OF HYDROGEN IODIDE AND OXIDES OF POTASSIUM.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH FEDERAL,STATE,LOCAL
REGULATIONS.

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