

## **POTASSIUM IODIDE, 5110**

### **MSDS Number**

BXDFV

### **National Stock Number**

6810-00N058559

### **Product Name**

POTASSIUM IODIDE, 5110

### **Manufacturer**

J T BAKER INC

### **Product Identification**

Product ID:POTASSIUM IODIDE, 5110

MSDS Date:05/18/1990

FSC:6810

NIIN:00N058559

MSDS Number: BXDFV

### **Responsible Party**

J T BAKER INC

222 RED SCHOOL LN

PHILLIPSBURG , NJ 08865

US

Emergency Phone: 908-859-2151;800-424-9300(CHEMTREC)

Info Phone: 800-582-2537

Cage: DO803

### **Contractor**

MALLINCKRODT BAKER, INC.

PHILLIPSBURG, NJ 08865

US

800-582-2537

Cage: 70829

### **Ingredients**

POTASSIUM IODIDE

CAS: 7681-11-0

RTECS: TT2975000

Fraction By Weight: 90-100%

OSHA PELN/K

ACGIH TLV: N/K

### **Hazards**

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE: SKIN/EYES: MAY CAUSE

IRRITATION. INHAL: IRRITATION OF UPPER RESPIRATORY TRACT. INGEST:

INGESTION OF LARGE QUANTITIES MAY CAUSE GASTROINTESTINAL

IRRITATION. CHRONIC: CENTRAL NERVOUS SYSTEM DEPRESSION. TARGET

ORGANS: SKIN, EYES, MUCOUS MEMBRANES.

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:SEE HEALTH HAZARDS.  
Medical Cond Aggravated by Exposure:NONE IDENTIFIED.

## First Aid

First Aid:INGEST: CALL MD. IF SWALLOWED, IF CONSCIOUS, GIVE LARGE AMOUNTS OF WATER. INDUCE VOMITING. INHAL: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OX YGEN. SKIN: FLUSH WITH WATER. EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES.

## Fire Fighting

Flash Point Method:CC  
Extinguishing Media:USE MEDIA SUITABLE FOR SURROUNDING FIRE .  
Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT .  
Unusual Fire/Explosion Hazard:COMBUSTION PRODUCES TOXIC OXIDES.

## Accidental Release

Spill Release Procedures:WEAR SCBA AND FULL PROTECTIVE CLOTHING. WITH CLEAN SHOVEL, CAREFULLY PLACE MATERIAL INTO CLEAN, DRY CONTAINER AND COVER; REMOVE FROM AREA. FLUSH SPILL AREA WITH WATER.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:KEEP CONTR TIGHTLY CLOSED. SUITABLE FOR ANY GENERAL CHEMICAL STORAGE AREA. STORE IN LIGHT-RESISTANT CONTAINERS. ISOLATE FROM INCOMPATIBLE MATERIALS.  
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

## Exposure Controls

Respiratory Protection:NONE REQUIRED WHERE ADEQUATE VENTILATION CONDITIONS EXIST. IF AIRBORNE CONCENTRATION IS HIGH, USE AN APPROPRIATE NIOSH/MSHA APPROVED RESPIRATOR OR DUST MASK.  
Ventilation:USE ADEQUATE GENERAL OR LOCAL EXHAUST VENTILATION TO KEEP FUME OR DUST AS LOW AS POSSIBLE.  
Protective Gloves:IMPERVIOUS GLOVES .  
Eye Protection:ANSI APPRVD CHEM WORKERS GOGGS .  
Other Protective Equipment:EMERGENCY EYEWASH & DELUGE SHOWER MEETING ANSI DESIGN CRITERIA .  
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.  
Supplemental Safety and Health  
NONE SPECIFIED BY MANUFACTURER.

## Chemical Properties

Boiling Pt:B.P. Text:2588F,1420C  
Melt/Freeze Pt:M.P/F.P Text:1333F,723C  
Vapor Pres:1 @ 745C  
Vapor Density:N/A(AIR=1)  
Spec Gravity:3.12 (H\*2O=1)  
Solubility in Water:APPRECIABLE (>10%)  
Appearance and Odor:WHITE CRYSTALS OR GRANULES, ODORLESS  
Percent Volatiles by Volume:0

## Stability

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS, BROMINE TRIFLUORIDE AND TRICHLORIDE, METALLIC SALTS, FLUORINE PERCHLORATE.  
Stability Condition to Avoid:LIGHT, MOISTURE.  
Hazardous Decomposition Products:IODINE, OXIDES.

## Disposal

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL ENVIRONMENTAL REGULATIONS.

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