

POTASSIUM IODIDE, 3162

MSDS Number

BXDGD

National Stock Number

6810-00N058566

Product Name

POTASSIUM IODIDE, 3162

Manufacturer

J T BAKER INC

Product Identification

Product ID:POTASSIUM IODIDE, 3162

MSDS Date:05/18/1990

FSC:6810

NIIN:00N058566

MSDS Number: BXDGD

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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