

J.T.BAKER CHEMICAL CO. -- POTASSIUM IODATE PRODUCT CODE:3156 -- 6810-00-136-6700  
===== Product Identification =====

Product ID:POTASSIUM IODATE PRODUCT CODE:3156

MSDS Date:11/07/1991

FSC:6810

NIIN:00-136-6700

MSDS Number: BPFPW

=== Responsible Party ===

Company Name:J.T.BAKER CHEMICAL CO.

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ

ZIP:08865-2219

Country:US

Info Phone Num:201-859-215

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Emergency Phone Num:201-859-2151

CAGE:DO870

=== Contractor Identification ===

Company Name:J.T.BAKER CHEMICAL CO.

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ

ZIP:08865-2219

Country:US

Phone:201-859-2151

CAGE:DO870

Company Name:MALLINCKRODT BAKER, INC.

Address:222 RED SCHOOL LANE

Box:City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Phone:800-582-2537

CAGE:70829

===== Composition/Information on Ingredients =====

Ingred Name:POTASSIUM IODATE

CAS:7681-11-0

RTECS #:TT

2975000

Fraction by Wt: 99-100%

Other REC Limits:NONE RECOMMENDED

===== Hazards Identification =====

LD50 LC50 Mixture:LD50 (MOUSE) IS 136 MG/KG

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

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

Health Hazards Acute and Chronic:ACUTE: IRRITATING TO THE EYE, SKIN,  
AND RESPIRATORY TRACT. INGESTION MAY CAUSE HEADACHE, VOMITTING,  
DIZZINESS, G.I. IRRITATION. DAMAGE TO LIVER, KIDNEY, BLOOD, CNS

DEPRESSION.

Explanation of Carcinogenicity:THIS PRODUCT IS NOT LISTED BY IARC, NTP,  
OR OSHA AS A CARCINOGEN.

Effects of Overexposure:EYE, SKIN, AND RESPIRATORY IRRITATION AS  
INDICATED ABOVE.

Medical Cond Aggravated by Exposure:LIVER AND KIDNEY DISORDERS.

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

First Aid:INHALATION:REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING.  
GET MEDICAL ATTENTION. EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER  
FOR 15 MINUTES HOLD

ING EYELIDS OPEN. GET MEDICAL ATTENTION.

SKIN:REMOVE CONTAMINATED CLOTHING. WASH SKIN WITH SOAP & WATER. IF  
IRRITATION PERSISTS, GET MEDICAL ADVICE. INGESTION:DO NOT INDUCE  
VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE  
MEDICAL ATTENTION

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

Extinguishing Media:USE WATER SPRAY.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A  
FULL FACED SELF CONTAINED BREATHING APPARATUS.

COOL FIRE EXPOSED

CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:CONTACT WITH OTHER MATERIAL MAY CAUSE  
FIRE.

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

Spill Release Procedures:USE SCBA AND PROTECTIVE CLOTHING. DILUTE WITH  
LARGE AMOUNTS OF WATER AND IF POSSIBLE, DIRECT SOLUTION TO DIKED  
AREA AND HOLD UNTIL DECOMPOSED. DISPOSE IN ACCORDANCE WITH LOCAL  
ENVIRONMENTAL REGULATION S.

Neutralizing Agent:NOT APPLICABLE.

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Handling and Storage =====

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM PHYSICAL DAMAGE, FLAMMABLES, COMBS  
Other Precautions:DO NOT TAKE INTERNALLY. DO NOT BREATHE MIST. AVOID CONTACT WITH EYES. WASH THOROUGHLY AFTER HANDLING.

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

Respiratory Protection:NONE REQUIRED WITH AN ADEQUATE VENTILATION. USE

NIOSH/MSHA APPROVED RESPIRATOR.

Ventilation:MECHANICAL (GENERAL) ROOM VENTILATION IS RECOMMENDED.

Protective Gloves:NONE NORMALLY REQUIRED. USE NEOPRENE

Eye Protection:CHEMICAL SAFETY GOGGLES

Other Protective Equipment:EYE WASH STATION.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET IN EYES. DO NOT BREATHE VAPORS OR MISTS. STORE AWAY FROM FLAMMABLE AND COMBUSTIBLE

MATERIALS.

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

HCC:D1

Melt/Freeze Pt:M.P/F.P Text:1040F,560C

Spec Gravity:3.89

Solubility in Water:APPRECIABLE

Appearance and Odor:WHITE CRYSTALLINE POWDER. ODORLESS

Percent Volatiles by Volume:0.0

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

Stability Indicator/Materials to Avoid:YES

ORGANIC MATERIALS, STRONG REDUCING AGENTS ALUMINUM, PEROXIDES.

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES

AND OTHER SOURCES

OF IGNITION, SHOCK AND FRICTION

Hazardous Decomposition Products:OXIDES

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

Waste Disposal Methods:DILUTE WITH LARGE AMOUNTS OF WATER. DISPOSE IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL ENVIRONMENTAL REGULATIONS.

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