

MALLINCKRODT INC -- POTASSIUM IODIDE -- 6810-00-264-6635

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Product Identification  
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Product ID:POTASSIUM IODIDE

MSDS Date:10/18/1985

FSC:6810

NIIN:00-264-6635

MSDS Number: BRRJW

=== Responsible Party ===

Company Name:MALLINCKRODT INC

Box:5439

City:ST LOUIS

State:MO

ZIP:63147

Country:US

Info Phone Num:314-982-5000

Emergency Phone Num:314-982-5000

CAGE:37940

=== Contractor Identification ===

Company Name:MALLINCKRODT INC

Address:675 MCDONNELL BLVD

Box:5840

City:ST. LOUIS

State:MO

ZIP:63134

Country:US

Phone:314-539-1600

CAGE:37940

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Composition/Information on Ingredients  
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Ingred Name:POTASSIUM IODIDE

CAS:7681-11-0

RTECS #:TT2975000

Ingred Name:NONHAZARDOUS INGREDIENTS

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Hazards Identification  
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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: INHAL: INHAL OF DUST MAY CAUSE IRRIT OF RESP TRACT. INGEST: LARGE DOSES MAY CAUSE GI UPSET AND WEAKNESS. SKIN: MAY CAUSE MILD IRRIT AND REDDENING ON PROLONGED CONTACT. EYE: CAN BE IRRITATING TO EYES, W/REDNESS, PAIN. CHRONIC: CHRONIC INGEST OF IODIDES MAY PRODUCE "IODISM", WHICH MAY BE (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HLTH HAZ: MANIFESTED BY SKIN RASH, RUNNING

NOSE, HEADACHE AND IRRITATION OF MUC MEMB. WEAKNESS, ANEMIA, LOSS OF WEIGHT, AND GENERAL DEPRESSION MAY ALSO OCCUR.

Medical Cond Aggravated by Exposure:NO INFORMATION FOUND.

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First Aid Measures  
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First Aid:INHAL: REMOVE TO FRESH AIR. GET MED ATTN FOR ANY BRTHG DFCLTY. INGEST: GIVE LG QTY OF WATER TO SWALLOW, THEN INDUCE VOMIT BY INSERTING FINGER TO BACK OF THROAT. CALL A PHYS. SKIN: WASH EXPOSED AREA WI TH S

OAP & WATER. GET MED ADVICE IF IRRIT DEVELOPS.

EYE: WASH THORO W/RUNNING WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ADVICE IF IRRITATON DEVELOPS.

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Fire Fighting Measures  
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Extinguishing Media:USE ANY MEANS SUITABLE FOR EXTINGUISHING SURROUNDING FIRE.

Fire Fighting Procedures:NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:NOT CONSIDERED TO BE A FIRE AND EXPLOSION HAZARD.

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Accidental Release Measures  
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Spill Release Procedures:VENT AREA OF LEAK/SPILL. CLEAN-UP PERS MAY REQ RESP PROT FROM DUST. SPILLS: SWEEP UP & CONTAINERIZE FOR RECLAMATION OR DISP. VACUUMING OR WET SWEEPING MAY BE USED TO AVOID DUST DISPERSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage  
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Handling and Storage Precautions:KEEP IN A TIGHTLY CLOSED CONTAINER, STORED IN A COOL, DRY, WELL VENTI

LATED AREA. PROTECT FROM PHYSICAL  
DAMAGE AND DIRECT SUNLIGHT.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:FOR CNDTNS OF USE WHERE EXPOS TO DUST IS  
APPARENT, A NIOSH/MSHA APPRVD DUST/MIST RESP MAY BE WORN. FOR EMER,  
A NIOSH/MSHA APROVED SCBA MAY BE NECESSARY.

Ventilation:IN GEN, DILUT VENT IS A SATIS HLTH HAZ CTL FOR THIS  
SUBSTANCE. HOWVER, IF CNDTNS OF USE CREATE DISCOMFORT (SUPP DA  
TA)

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:LAB COAT, APRON OR COVERFALLS. MAINTAIN EYE  
WASH FOUNTAIN AND QUICK-DRENCK FACILITIES IN WORK AREA.

Work Hygienic Practices:CONTACT LENSES SHOULD NOT BE WORN WHEN WORKING  
WITH THIS MATERIAL.

Supplemental Safety and Health

SOL IN H\*2O: 140 GRAMS/100 GM IN WATER. VENT: TO WORKER, A LOCAL  
EXHAUST SYSTEM SHOULD BE CONSIDERED.

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===== Physical/Chemical Properties ==  
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Boiling Pt:B.P. Text:2588F,1420C

Melt/Freeze Pt:M.P/F.P Text:1333F,723C

Vapor Pres:1 @745C

Solubility in Water:SUPP DATA

Appearance and Odor:WHITE CRYSTALIS, ODORLESS.

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

Stability Indicator/Materials to Avoid:YES

DIAZONIUM SALTS; DIISOPROPYL PEROXYDICARBONATE; OXIDANTS; BROMINE &  
CHLORINE TRIFLUORIDES, FLUORINE PERCHLORATES.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition

Products:OXIDES OF CONTAINED METAL AND HALOGEN,  
POSSIBLY ALSO FREE, OR IONIC HALOGEN.

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

Waste Disposal Methods:WHATEVER CANNOT BE SAVED FOR RECLAMATION MAY BE  
DELIVERED TO AN APPROVED WASTE DISPOSAL FACILITY. ENSURE COMPLIANCE  
WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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