

ANACHEMIA CHEMICALS INC -- POTASSIUM IODIDE -- 6810-00-935-1034

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Product Identification
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Product ID:POTASSIUM IODIDE

MSDS Date:10/20/1993

FSC:6810

NIIN:00-935-1034

MSDS Number: BZNSG

=== Responsible Party ===

Company Name:ANACHEMIA CHEMICALS INC

Address:500 2ND AVE.

City:VILLE ST PIERRE MONTREAL, QUEBEC

Country:CA

Info Phone Num:514-489-5711

Emergency Phone Num:800-424-9300(CHEMTREC) 51

8-297-4444

Preparer's Name:MSDS DEPT.

CAGE:4A444

=== Contractor Identification ===

Company Name:ANACHEMIA CHEMICALS INC

Address:3 LINCOLN BLVD

Box:City:ROUSES POINT

State:NY

ZIP:12979

Country:US

Phone:518-297-4444

CAGE:4A444

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Composition/Information on Ingredients
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Ingred Name:POTASSIUM IODIDE

CAS:7681-11-0

RTECS #:TT2975000

Fraction by Wt: 60-100%

Other REC Limits:NONE RECOMMENDED

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Hazards Identification
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LD50 LC50 Mixt

ure:ORAL LD50 (MS) IS 1862 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:EYES:MAY CAUSE IRRITATION.SKIN:MAY CAUSE IRRITATION.POSSIBLE SENSITIZER.INGEST:MAY CAUSE GI TRACT IRRITATION.INHAL:MAY CAUSE RESPIRATORY IRRITATION.NOTE THIS MATERIAL INCREASES THE TOXICITY OF SELENIUM.

Explanation of Carcinogenicity:MFR STATES THAT THIS ITEM IS A REPRODUCTIVE TOXIN.

Effects of Overexp

posure:EYES:REDNESS,PAIN,CONJUNCTIVITIS.INGEST:WEAKNESS.

Medical Cond Aggravated by Exposure:THIS MATERIAL INCREASES THE TOXICITY OF SELENIUM.

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

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND WATER.EYES:FLUSH WITH WATER FOR 15 MINUTES.CALL PHYSICIAN.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.CALL PHYSICIAN. INGEST:GET PROMPT QUALIFIED MEDICAL ATTENTION.IF CONSCIOUS,RINSE MOUTH WITH WATER.INDUCE VOMITING BY STICKING FINGER DOWN THROAT.

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

Flash Point:NONE

Extinguishing Media:USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard:FIRE CONDITIONS MAY EVOLVE TOXIC FUMES.

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

Spill Release Procedures:EVACUATE AND VENTILATE THE AREA.SWEEP;DO NOT

CREATE DUST;PLACE IN AN APPROPRIATE CONTAINER FOR DISPOSAL.DO NOT FLUSH TO DRAIN.DO NOT TOUCH SPILLED MATERIAL.

Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE IN A COOL,DRY,WELL-VENTILATED PLACE.KEEP CONTAINER CLOSED WHEN NOT IN USE.KEEP AWAY FROM HEAT,FLAMES,MOISTURE,LIGHT AND INCOMPATIBLE MATERIALS.

Other Precautions:HANDLE UNDER A FUME HOOD.

AVOID BREATHING DUST.AVOID
SKIN AND EYE CONTACT.

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

Respiratory Protection:WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN
ENCLOSED SPACES USE A NIOSH/MSHA APPROVED RESPIRATOR FOR DUST.

Ventilation:USE A FUME HOOD.

Protective Gloves:IMPERVIOUS GLOVES.

Eye Protection:SAFETY GOGGLES.

Other Protective Equipment:APRON OR PROTECTIVE CLOTHING,AS
NEEDED.PROVIDE A LOCAL EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practic

es:EXECISE GOOD LABORATORY PRACTICES.WASH HANDS
AFTER USE AND BEFORE EATING.

Supplemental Safety and Health

PH 1%SOLN(AQ)=6-9.2 @ 104F.

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

HCC:T6

Boiling Pt:B.P. Text:2588F,1420C

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

Vapor Pres:1

Spec Gravity:3.13

pH:SUPL

Solubility in Water:EASILY IN COLD WATE.

Appearance and Odor:WHITE ODORLESS CRYSTALS.

Percent Volatiles by Volume:0

===== Stability and Reactivity Data =====
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Stability Indicator/Materials to Avoid:NO

OXIDIZING AGENTS,ACIDS,ORGANIC

MATERIALS,METALS(AL,BRASS,MG,ZN,CD,SN,CU,NI)THEIR SALTS AND
ALLOYS,REDUCING AGENTS.

Stability Condition to Avoid:LIGHT AND MOISTURE SENSITIVE.

Hazardous Decomposition Products:HYDROGEN IODIDE,IODINE,OXIDES OF
POTASSIUM,IODIDES.

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

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

Disclai

mer (provided with this information by the compiling agencies):

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