

AERCHEM INC.
320 North Walnut
Bloomington, IN 47404

Tel: 812.334.9996 Fax: 812.334.1960 Emergency: 800.424.9300

SECTION 1: IDENTIFICATION

Effective Date: N/A
Product Name: POTASSIUM IODIDE
Molecular Formula: N/A
CAS No.: 7681-11-0

SECTION 2: HAZARDOUS INGREDIENTS:
POTASSIUM IODIDE(60-100%)

SECTION 3: PHYSICAL DATA

Odor: Odorless
Appearance: Solid white crystals
Melting point.: 723C
Boiling point: 1420C
Decomposition temperature: N/A
pH (depends on quality): N/A
Solubility in water: N/A
Specific gravity (water = 1) N/A
Vapor density: N/A
Vapor pressure: 1@745C

SECTION 4: FIRE AND EXPLOSION DATA

Flash point: N/A
Flammable limit: N/A
Flammability: Non-flammable
Extinguishing media: Use any means suitable for extinguishing surrounding fire.
Fire fighting procedures: none other than above.
Unusual fire and explosions hazards: N/A

SECTION 5: REACTIVITY DATA

Stable X Unstable

Decomposition byproducts: Oxides of the contained metal and halogen, possibly also free or ionic halogen.
Incompatibilities/Condition to Avoid: Diazonium salts, disopropyl peroxydicarbonate, oxidants, bromine and chlorine trifluorides, fluorine perchlorate.

Hazardous Polymerization: N/A

SECTION 6: HEALTH HAZARD DATA

Toxicity: Skin: may cause mild irritation on prolonged contact. Skin absorbtion: N/A. Eye contact: may be irritating to the eyes, with redness and pain. Inhalation: may cause irritation of respiratory tract. Ingestion: Large doses may cause gastrointestinal upset and weakness.

Route of Entry: Inhalation, Ingestion.

Permissible Exposure limits: N/A

TWA:

TLV:

SECTION 7: SPILLAGE AND DISPOSAL PROCEDURES

Spillage: ventilate area, sweep up and containerize for reclamation or disposal. wacuuming or wet sweeping may be used to avoid dust dispersal. Measures to prevent dust inhalation should be taken during cleen-up.

Disposal: Deliver to an approved waste disposal facility. Consult federal, provincial and local regulations.

SECTION 8: FIRST AID PROCEDURES

Eye Contact: Wash thoroughly with running water for 15 minutes. Seek medical attention if irritation develops.

Skin Contact: Wash exposed area with soap and water for 15 minutes. Seek medical attention if irritation develops.

Inhalation: Remove to fresh air. Seek medical attention for any difficulty breathing.

Ingestion: For large amounts, give copious amounts of water and induce vomiting. Seek medical help.

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SECTION 9: HANDLING AND STORAGE INFORMATION: Keep in tightly closed container, stored in cool, dry, ventilated area. Protect from physical damage and direct sunlight.

SECTION 10: SPECIAL PROTECTION INFORMATION:

Ventilation: Dilution ventilation or local exhaust if conditions cause discomfort.

Skin Protection: Gloves

Eye Protection: Splash goggles

Respiratory Protection: NIOSH approved dust/mist respirator.

Other: Lab coat.

SECTION 11: TRANSPORT INFORMATION

DOT Classification: not regulated

SECTION 12: OTHER REGULATORY INFORMATION

Federal and State regulations:

WHMIS (Canada): N/A

DSCL (EEC): N/A

HMIS (USA): N/A