

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND CONTACT INFORMATION

Product Name: Potassium Iodate

ARPX15-2

Alpha Resources, Inc.
P.O. Box 199
Stevensville, MI 49127
Phone: 269-465-5559

2. COMPOSITION/INFORMATION ON INGREDIENTS

CAS NO.	%W	CHEMICAL NAMES	OSHA PEL (mg/m3)	ACGIH TLV (mg/m3)
7758-05-6	100	Potassium Iodate	N/A	N/A

3. HAZARD IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYES: May cause irritation.

SKIN: May cause irritation.

INHALATION: May cause irritation.

INGESTION: N/A

CHRONIC OVEREXPOSURE: Not known.

ACUTE OVEREXPOSURE: N/A

MEDICAL CONDITIONS AGGRAVATED: N/A

CARCINOGENICITY: N/A

4. FIRST AID MEASURES

EYES: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

SKIN: Immediately flush skin with plenty of water. Cover the irritated skin with an emollient.

Remove contaminated clothing and shoes. Get medical attention.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

INGESTION: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

Non-flammable

Flash Point: Not available

Flammable Limits: (% by Volume in Air): Lower: None Upper: None

AUTO-IGNITION TEMPERATURE: N/A
HAZARDOUS COMBUSTION PRODUCTS: N/A
EXTINGUISHING MEDIA: N/A
FIREFIGHTING INSTRUCTIONS: N/A

6. ACCIDENTAL RELEASE MEASURES

SMALL/LARGE SPILL: Stop spill/leak without risk. Avoid contact with a combustible material (wood, paper, oil, clothing). Keep substance damp using water spray. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed. Follow federal state and local regulations.

7. HANDLING AND STORAGE

Keep away from heat. Keep away from sources of ignition. Keep away from combustible material. Do not breathe dust. Wear suitable protective clothing. Use adequate ventilation. Avoid contact with skin and eyes.

STORAGE: Keep container closed and stored in a cool well-ventilated area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: General and local ventilation is recommended.

RESPIRATORY PROTECTION: A NIOSH approved dust respirator is required if exposure limits are exceeded.

SKIN AND HAND PROTECTION: Protective gloves recommended.

EYE AND FACE PROTECTION: Safety glasses are recommended.

OTHER PROTECTIVE EQUIPMENT: none required.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: solid powder or crystals

BOILING POINT: N/A

FREEZE-MELT POINT: 1040 F (560 C)

VAPOR PRESSURE: N/A

VAPOR DENSITY: N/A

SOLUBILITY IN WATER: Soluble.

SPECIFIC GRAVITY: N/A

pH: N/A

ODOR: None

PERCENT VOLATILES: N/A

EVAPORATION RATE: N/A

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable.

INCOMPATIBILITY: Reactive with reducing agents, combustible materials, organic materials, metals.

HAZARDOUS DECOMPOSITION PRODUCTS: None.

HAZARDOUS POLYMERIZATION: None.

11. TOXICOLOGICAL INFORMATION

None reported.

12. ECOLOGICAL INFORMATION

None available.

13. DISPOSAL CONSIDERATION

Dispose of in accordance with federal, state and local regulations.

14. TRANSPORTATION INFORMATION

USA DOT: Class 5.1: Oxidizing Material

15. REGULATORY INFORMATION

US FEDERAL REGULATIONS

TSCA STATUS: On toxic Substance Control Inventory

CANADAIN REGULATIONS

WHMIS: Class C

16. OTHER INFORMATION

Hazard Index: (0-4, 4= Extreme)

Health: 2 Fire: 0 Reactivity: 1

SUPPLEMENTAL INFORMATION

The data and information as stated was furnished by the manufacturer/vendor &/or supplier of this product. Alpha Resources, Inc. cannot warrant the accuracy of this information and shall not be responsible or liable for any damage that may result, should any of the information be erroneous.

Date Prepared: January 14, 2013

Prepared by: Ken Mantei