

AquaPhoenix Scientific

P.O. Box 1042, Hanover, PA 17331 (717 632-1291)
Emergency Telephone No.: 800-535-5053

Section 1 – Chemical Product and Company Identification

Catalog Number: APPI8063-A, APPI8063-B, APPI8063-C, APPI8063-D, APPI8063-P, APPI8063-Q, APPI8063-G, APPI8063-T
Product Identity: Potassium Iodide-Iodate

Manufacturer's Name: AquaPhoenix Scientific, Inc., 9 Barnhart Dr., Hanover, PA 17331
Emergency Contact Number (24hr): InfoTrac (800) 535-5053

Section 2 – Composition, Information on Ingredients

Potassium Iodide, CAS# 7681-11-0, 1% w/v, ACGIH TLV: NA, OSHA PEL: NA
Potassium Iodate, CAS# 7758-05-6, 0.4% w/v, ACGIH TLV: NA, OSHA PEL: NA

Section 3 – Hazard Identification

Emergency Overview: May irritate skin, eyes, and gastrointestinal tract. Wash areas of contact with water. Get medical attention.

Target Organs: Gastrointestinal system, eyes, skin.

Potential Health Effects

Eyes: May cause irritation.

Skin: May cause slight irritation

Ingestion: Large doses may cause mild irritation in the gastrointestinal tract

Inhalation: May cause irritation.

Chronic Effect / Carcinogenicity: None (IARC, NTP, OSHA)

Section 4 – First Aid

Eyes: Immediately flush eyes with water for at least 15 minutes. Immediately get medical assistance.

Skin: Flush with water for 15 minutes. Get medical assistance if irritation develops.

Ingestion: DO NOT induce vomiting. Dilute with water or milk. Get medical assistance.

Inhalation: Remove to fresh air. Give artificial respiration if necessary. If breathing is difficult, give oxygen.

Section 5 – Fire Fighting Measures

Flash Point: NA

Extinguishing Media: Use any means suitable for extinguishing surrounding fire.

Fire & Explosion Hazards: Not considered to be a fire or explosion hazard.

Fire Fighting Instructions / Equipment: Use normal procedures. Use protective clothing. Use NIOSH-approved breathing equipment.

NFPA Rating: (estimated) Health: 1; Flammable: 0; Reactivity: 0

Section 6 – Accidental Release Measures

Absorb with suitable material and treat as normal refuse. Liquid may be flushed to sewer. Always obey local regulations.

Section 7 – Handling and Storage

Handling: Wash hands after handling. Avoid contact with skin and eyes. Do not mix with bases.

Storage: Keep Protect from freezing and physical damage.

Section 8 – Exposure Controls, Personal Protection

Engineering Controls: Normal ventilation is adequate.

Respiratory Controls: Normal ventilation is adequate.

Skin Protection: Chemical resistant gloves.

Eye Protection: Safety Glasses or goggles.

Section 9 – Physical and Chemical Properties

Appearance: Clear, colorless liquid

pH: NA

Boiling Point: Approx 100C

Melting Point: Below 0

Odor: Odorless

Solubility in Water: Infinite

Specific Gravity: Approx 1

Vapor Pressure: NA

Section 10 – Stability and Reactivity

Chemical Stability: Stable under normal conditions of use and storage.

Incompatibility: Strong acids.

Hazardous Decomposition Products: When heated to combustion may produce toxic iodine vapors and iodide

Hazardous Polymerization: Does not occur

Section 11 – Toxicological Information

LD50 orl-rat: NA

LC50 inhalation-rat: NA

Section 12 – Ecological Information

Ecotoxicity: NA

Section 13 – Disposal Considerations

Dilute with water and flush to sewer.

All chemical waster generators must determine whether a discarded chemical is classified as hazardous waste.

Comply with all local, state, and federal regulations.

Section 14 – Transport Information

DOT - Not Regulated

Section 15 – Regulatory Information (not meant to be all inclusive)

OSHA Status: These chemicals are not considered hazardous by OSHA.

TSCA: The components of this solution are listed on the TSCA Inventory

SARA Title III Section 313: Not Applicable

RCRA Status: Not Applicable

CERCLA Reportable Quantity: NA

WHMIS: NA