



MSDS

Material Safety Data Sheet

Manufactured or**Distributed by:**

UIC, Inc.
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Emergency Numbers**In the US -****CHEMTREC: 1-800-424-9300****In Canada -****CANUTEC: 613-996-6666****Outside US and Canada -****Chemtrec: 703-527-3887**

Potassium Iodide

1. Material Identification and Information

Synonyms: Potide; hydriodic acid, potassium salt; Iodic acid, potassium salt

CAS No.: 7681-11-0

Product Code: UIC, Inc. Catalog Number CM300-003

2. Composition/Information on Ingredients

Hazardous Components 1% or greater; Carcinogens 0.1% or greater

<u>COMPONENTS</u>	<u>CAS No.</u>	<u>Percent</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>OTHER LIMITS RECOMMENDED</u>
Potassium Iodide	7681-11-0	90-100	ND	ND	ND

3. Hazards Identification

Inhalation:

May cause irritation to the respiratory tract. Symptoms may include coughing and shortness of breath.

Skin Contact:

May cause irritation with redness and pain.

Eye Contact:

May cause irritation, redness and pain.

Ingestion:

Large doses may cause irritation to the gastrointestinal tract.

Signs and Symptoms of Exposure:

Irritation of respiratory system, skin or eyes, headache, nausea, dizziness, diarrhea. Iodism causes swelling, hydration, symptoms resembling serum sickness like fever and lymph node enlargement.

Medical Conditions Aggravated by Exposure:

No information found

4. First Aid Measures

Inhalation:

Remove to fresh air immediately. Get medical attention for any breathing difficulty

Skin Contact:

Remove contaminated clothing and wash before reuse. Flush skin with water for 15-20 minutes to remove all chemicals. Get medical attention if irritation develops.

Eye Contact:

Flush eyes immediately with large amounts of water for 15-20 minutes, lifting upper and lower eyelids to remove all chemicals. Get medical attention if irritation persists.

Ingestion:

Induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person.

5. Fire Fighting Measures

Flash Point: NA

Auto Ignition Temperature: NA

Flammability Limits in Air % by Volume: NA

Extinguisher Media:

Water, foam, dry chemical, carbon dioxide.

Special Fire Fighting Procedures:

Wear full protective clothing and NIOSH-MSHA approved SCBA. Keep fire exposed containers cool with water spray.

Unusual Fire and Explosion Hazards:

None

6. Accidental Release Measures

Vacuum or sweep up material and place into a suitable disposal container. Avoid generating dusty conditions.

7. Handling and Storage

Store in a cool, dry, well-ventilated location away from incompatible substances.

8. Exposure Controls/Personal Protection

Respiratory Protection:

Specific respirator selection based on contamination levels in the workplace with the levels not exceeding the working limit of the respirator. Must be jointly approved by NIOSH-MSHA. A particulate respirator (NIOSH type N95 or better filters) may be worn.

Skin Protection:

Gloves and lab coat, apron or coveralls.

Eye Protection:

Chemical safety goggles.

Ventilation to be Used:

Local or general dilution to meet exposure limits.

International (Water, I.M.O.): Not Regulated

International (Air, I.C.A.O.): Not Regulated

15. Regulatory Information

Chemical Inventory Status

<u>Ingredient</u>	Canada							
	<u>TSCA</u>	<u>EC</u>	<u>Japan</u>	<u>Australia</u>	<u>Korea</u>	<u>Phil</u>	<u>DSL</u>	<u>NDSL</u>
Potassium Iodide (7681-11-0)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No

Federal, State & International Regulations

	<u>SARA 302</u>		<u>SARA 313</u>		<u>CERCLA</u>	<u>RCRA</u>	<u>TSCA</u>
	<u>RQ</u>	<u>TPQ</u>	<u>List</u>	<u>Chem Cat.</u>			
Potassium Iodide (7681-11-0)	No	No	No	No	No	No	No

Chemical Weapons Convention: No

16. Other Information

NFPA Ratings: Health: **1** Flammability: **0** Reactivity: **0**

Label Hazard Warning: CAUTION! MAY CAUSE IRRITATION TO SKIN, EYES AND RESPIRATORY TRACT.

Product Use: Laboratory Reagent

UIC, Inc. has obtained the most current chemical information available to us in updating this Material Safety Data Sheet. However, users should always use caution when working with chemicals, as UIC, Inc. assumes no liability resulting from its use. Additionally, we make no warranty with respect to any information published on this sheet, either stated or implied.