



320 N. Walnut St.  
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## Material Safety Data Sheet

Section 1. Product and Identification		
Common name:	<b>Potassium Iodide</b>	
Synonyms:	Iodide potash	
Molecular formula:		
Molecular Weight:		
CAS #:	7681-11-0	
In case of emergency:		
Chemtrec (24hr)	(800) 424-9300	
Supplier:	AerChem Inc. 320 N. Walnut St. Bloomington, IN 47404 U.S.A..	phone: (812) 334-9996 fax: (812) 334-1960 <a href="http://www.aerchem.com">http://www.aerchem.com</a>

Section 2. Composition and Informaion on Ingredients		
Name	CAS #	% by Weight
Potato Starch	9005-25-08	99

<b>Toxicological Data on Ingredients</b>	Potassium Iodide Ingredients contributing to the hazard are absent.
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Section 3. Hazards Identification	
<b>Potential Health Effects</b>	May cause eye irritation on contact. Avoid inhalation, may cause irritation. May cause skin irritation upon prolonged or repeated cntact.

Section 4. First Aid Measures	
<b>Eye Contact:</b>	Flush with water for 15 min. If irritation contiues, seek medical attention.
<b>Inhalation:</b>	Remove victim to fresh air.
<b>Ingestion:</b>	Moderately toxic if large quantity is ingested. Drink large amounts of water and seek medical attention.
<b>Skin Contact:</b>	Flush with water for 15 min. If irritation contiues, seek medical attention.



**Section 5. Fire-Fighting Measures**

**Extinguishing media:** Standard media such as powder, foam or water are suitable.

For the protection of firefighters, the standard breathing apparatus should be used.

**Section 6. Accidental Release Measures**

No special personal and environmental precautions are recommended

**Methods for clean-up:**

After spillage or leakage remove the waste in dry form if possible, otherwise flush with plenty of cold water.

**Section 7. Handling and Storage**

**Handling:** If appropriate, technical measures should be taken to dispose of dust by ventilation or vacuum cleaning. Avoid excess dust

**Storage:**

Store in cool dry place, protect from light.

**Section 8. Exposure Controls / Personal Protection**

**Ventilation:** Use only with adequate ventilation.

**Respiratory protection:** If dusty, use NIOSH/MSHA approved respirator.

**Protective Gloves:** Chemically resistant are recommended.

**Eye protection** Safety glasses with side shields (or goggles) are recommended.

**Work practices:** Wash hands after use, before eating, smoking or using toilet.

**Section 9. Physical and Chemical Properties**

Form	solid
Color	White
pH Value	N/A
Change in state	no change until combustion
Melting point	681°C
Boiling point	1330°C
Flash Point	No development of volatile and inflammable vapours till process of combustion
Explosion Prop.	No explosion properties known
Buld Density	N/A
Solubility in water	58.8% @ 25°C

**Section 10. Stability and Reactivity**

This product is stable.

Hazardous Polymerization does not occur.

**Section 11. Disposal**

Dispose of in accordance to local laws and regulations. May be safe to landfill or incinerate.

**Section 12. Transport and Regulatory Information**

This product is not classified as dangerous goods according to international regulations for transport.  
Unless local laws state otherwise, this product is not subject to mandatory marking.