



# MSDS

P.O. Box 329 - 802 Washington Avenue Chestertown, MD 21620 - USA

## MATERIAL SAFETY DATA SHEET

TELEPHONE # FOR INFORMATION 410 778-3100

24 HOUR EMERGENCY NUMBER (CHEM-TEL): USA, Canada, Puerto Rico 800-255-3924;

Outside North American Continent 813-248-0585 (call Collect)

### 1. Product Identification

**Product Code:** 2779

**Product Description:** Iodide/Iodate, 0.03N

**Manufactured By:** LaMotte Company

802 Washington Avenue

Chestertown, MD 21620

### 2. Composition/Information On Ingredients

Hazard	CAS#/Name	%	PEL	TLV
Yes	7681-11-0 Potassium Iodide	1	None Established	None Established
No	144-55-8 Sodium Bicarbonate	<0.1	None Established	None Established
Yes	7758-05-6 Potassium Iodate	0.1	None Established	None Established
No	7732-18-5 Water	to 100%	None Established	None Established

### 3. Hazards Overview

**Primary Route Of Entry:** Skin Ingestion

Large doses by mouth can cause GI irritation. May cause skin irritation.

#### HMIS Hazard

Scale: 4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Least

Health: 1      Flammability: 0      Reactivity: 1

**Carcinogenicity:** None:

**Other Health Related Comments:**

---

**Product Code:** 2779

**Product Description:** Iodide/Iodate, 0.03N

---

#### **4. First Aid Measures**

**Eye Contact:** Flush thoroughly with water for 15 minutes while lifting upper and lower eyelids. If irritation persists, contact physician

**Skin Contact:** Flush w/ water for 15 minutes while removing affected clothing. Wash w/ soap. If irritation develops contact physician. Wash clothing prior to reuse.

**Ingestion:** Induce vomiting as directed by medical personnel. Contact physician.

**Inhalation:** Remove to fresh air.

---

#### **5. Fire Fighting Measures**

**Flash Point (Method Used):** N/A

**LEL:** N/A

**UEL:** N/A

**Extinguishing Media:** Not a fire hazard

**Special Fire Fighting Procedures:** Wear protective equipment and self-contained breathing apparatus.

**Unusual Fire & Explosion Hazard:** N/A

---

#### **6. Accidental Release Measures**

Absorb spill with inert material, containerize, and hold for disposal. Dispose according to federal, state, and local regulations.

---

#### **7. Handling & Storage**

Store in a tightly-closed light resistant container stored in a cool, dry, ventilated area away from light, heat, moisture, and incompatibles.

---

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

### **Ventilation**

Normal

A system of local or general exhaust is recommended.

### **Protection When Handling**

Eye Protection N/A

**Work/Hygenic Practices:** Wash after handling.

---

## **9. Physical & Chemical Properties**

**Appearance:** Clear Colorless Liquid

**Solubility In Water:** Soluble

**Odor:** None

**pH:** 7

**Vapor Density:** No information found

**Vapor Pressure:** <18 mm Hg @ 20° C

**Boiling Point:** about 100° C

**Melting Point:** N/A

---

## **10. Stability & Reactivity**

**Stable:** Yes

**Conditions To Avoid:** Heat

**Incompatibility (Materials To Avoid):** N/A

**Hazardous Decomposition Products:** Oxides of the contained metal and halogen.

---

## **11. Toxicological Information**

Potassium iodide, solid, has been investigated as a mutagen, reproductive effector.

**Target Organs:** Skin

---

**Product Code:** 2779

**Product Description:** Iodide/Iodate, 0.03N

## 12. Ecological Information

Information Not Yet Available

## 13. Disposal Considerations

Dispose according to federal, state, and local regulations.

## 14. Transportation Information

Not Regulated For Transport

## 15. Regulatory Information

### Chemical Inventory Status

Hazard	Ingredient	USA	Europe	--- Canada ---		Australia	Japan
		TSCA	EC	DSL	NDSL		
Yes	7681-11-0 Potassium Iodide	Yes	Yes	Yes	No	Yes	Yes
No	144-55-8 Sodium Bicarbonate	Yes	Yes	Yes	No	Yes	Yes
Yes	7758-05-6 Potassium Iodate	Yes	Yes	Yes	No	Yes	Yes
No	7732-18-5 Distilled Water	Yes	Yes	Yes	No	Yes	Yes

### Federal, State, & International Regulations

Ingredient	--- SARA 302 ---		----- SARA 313 -----		CERCLA	RCRA 261.33	TSCA 8(D)
	RQ	TPQ	Listed	Chemical Category			
7681-11-0 Potassium Iodide	No	No	No	No	No	No	No
144-55-8 Sodium Bicarbonate	No	No	No	No	No	No	No
7758-05-6 Potassium Iodate	No	No	No	No	No	No	No
7732-18-5 Distilled Water	No	No	No	No	No	No	No

---

**Product Code:** 2779

**Product Description:** Iodide/Iodate, 0.03N

---

--- SARA 311/312 ---

----- Australia -----

**Hazard Categories**

**Hazchem  
Code**

**Poison  
Schedule**

**This MSDS Is  
WHMIS Compliant**

<b>Ingredient</b>	<b>Acute</b>	<b>Chronic</b>	<b>Fire</b>	<b>Pressure</b>	<b>Reactivity</b>			
7681-11-0 Potassium Iodide	Yes	Yes	No	No	No	None Allocated	None Allocated	
144-55-8 Sodium Bicarbonate	No	No	No	No	No	None Allocated	None Allocated	
7758-05-6 Potassium Iodate	Yes	Yes	No	No	Yes	1WE	None Allocated	
7732-18-5 Distilled Water	No	No	No	No	No	None Allocated	None Allocated	
<b>product 2779 as a whole</b>	No	No	No	No	No	None Allocated	None Allocated	Yes

---

**16. Other Information**

Keep out of the reach of children.

**Prepared By:** Regulatory Affairs Department

**Revised:** 8/28/2009

---