



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:

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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

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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

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--- SARA 311/312 ---

----- Australia -----

Hazard Categories

**Hazchem
Code**

**Poison
Schedule**

**This MSDS Is
WHMIS Compliant**

Ingredient

Acute

Chronic

Fire

Pressure

Reactivity

7681-11-0

Yes

Yes

No

No

No

None Allocated

None Allocated

Potassium Iodide

144-55-8

No

No

No

No

No

None Allocated

None Allocated

Sodium Bicarbonate

7758-05-6

Yes

Yes

No

No

Yes

1WE

None Allocated

Potassium Iodate

7732-18-5

No

No

No

No

No

None Allocated

None Allocated

Distilled Water

**product 2779
as a whole**

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
