

POTASSIUM BIODATE, 0.025 N  
MATERIAL SAFETY DATA SHEET

INTEGRA Chemical Company  
710 Thomas Ave SW  
Renton, WA 98055  
Phone: 425-277-9244  
24 Hour Emergency Response: CHEMTREC 800-424-9300 (Outside USA 703-527-3887)

MSDS Number: P666.7A  
Revision Date: 19-Sep-03  
Revision #: 003

Page 1

**Product Identification**

Product Name: POTASSIUM BIODATE, 0.025 N

Synonyms:

Chemical Formula: Mixture

Formula Weight: NA

Chemical Family: Laboratory titrant

Integra Product Numbers: P666.7A

**Hazard Overview**

HMIS Rating: 1-0-0-B NFPA Rating: NE

Warning Label:

Caution.

Use safe chemical handling practices. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling.

**Components**

<u>Component</u>	<u>CAS #</u>	<u>%</u>
Water	07732-18-5	99.92
Potassium biodate	13455-24-8	0.08

**Physical Data**

Boiling Point: NA Specific Gravity: 1.000 Water=1  
Melting Point: NA Evaporation Rate: NA  
Vapor Pressure: NA Vapor Density: NA Air = 1

Solubility:

Miscible with water.

Appearance and Odor:

Clear, colorless liquid.

**Fire and Explosion Data**

Flash Point: NA Test Method:  
Auto-ignition Temperature: NA  
Flammable Limits (% by volume in air): Upper: NA Lower: NA

Fire Extinguishing Media:

Use extinguishing media appropriate for surrounding fire.

Special Firefighting Procedures:

Use water to cool nearby containers and structures. Wear full protective equipment, including suitable respiratory protection.

Unusual Fire and Explosion Hazards:

None identified

**Health Hazard Information**

Effects of Overexposure

Skin Contact:

None Identified

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Page 2

**Health Hazard Information**

Eye Contact:

None Identified

Ingestion:

None Identified

Inhalation:

None Identified

Chronic Effects of Overexposure:

None Identified

Exposure Limits:

	<u>TWA</u>	<u>OSHA PEL</u> <u>STEL</u>	<u>Ceiling</u>
Water	NE	NE	NE
Potassium biodate	NE	NE	NE

  

	<u>TWA</u>	<u>ACGIH TLV</u> <u>STEL</u>	<u>Ceiling</u>
Water	NE	NE	NE
Potassium biodate	NE	NE	NE

Toxicity Data:

Water No information available  
Potassium biodate No information available

Medical Conditions Generally Aggravated by Exposure:

None Identified

Target Organs:

None Identified

Reproductive Effects:

None Identified

Carcinogenicity:

None Identified

<u>Component</u>	<u>NTP Listing</u>	<u>IARC Listing</u>	<u>OSHA Regulated</u>
Water	No listing	No Listing	<input type="checkbox"/>
Potassium biodate	No listing	No listing	<input type="checkbox"/>

**Emergency First Aid Procedures**

Skin Contact:

Wash with soap and water.

Eye Contact:

Flush eyes with water. If irritation persists, seek medical attention.

Inhalation:

Remove to fresh air.

Ingestion:

If conscious, give victim large amounts of water. Seek medical attention.

Additional First aid and Treatment Notes:

No information available



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**Transportation Information**

	<u>Packing Instruction</u>	<u>Max net qty per package</u>
Passenger Aircraft:		
Cargo Aircraft:		

**Regulatory Information**

<u>Component</u>	<u>TSCA Inventory</u>	<u>CERCLA RQ</u>	<u>SARA EHS TPQ</u>	<u>SARA 313 Toxic Release de minimus</u>
Water	<input type="checkbox"/>	lbs	<input type="checkbox"/>	lbs
Potassium biiodate	<input checked="" type="checkbox"/>	lbs	<input type="checkbox"/>	lbs
<u>SARA Hazard Categories:</u>	<u>Acute</u>	<u>Chronic</u>	<u>Flammability</u>	<u>Pressure</u>
Water	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Potassium biiodate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Clean Air Act Categories:</u>	<u>SOCMI</u>	<u>HAP</u>	<u>Volatile HAP</u>	<u>Organic HAP</u>
Water	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Potassium biiodate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**MSDS Revision History:**

- 002 - Changed header phone number
- 003 - Format revisions; updated header phone number

NE = Not established, NA = Not applicable or Not available

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\*\*\*\*\* END OF MSDS \*\*\*\*\*