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)

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003

P666.7A

19-Sep-03

Product Identification

Product Name:

POTASSIUM BIIODATE, 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

Component

CAS#

%

MSDS Number:

Revision Date:

Revision #:

Water

07732-18-5 13455-24-8 99.92 80.0

Potassium bijodate

Physical Data

Boiling Point:

NA

NA

Specific Gravity:

1.000 Water=1

Melting Point:

Vapor Pressure:

NA

Evaporation Rate Vapor Density:

NA 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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Health Hazard Information Eve Contact: None Identified Ingestion: None Identified Inhalation: None Identified Chronic Effects of Overexposure: None Identified OSHA PEL **Exposure Limits: Ceiling TWA** STEL NE NE Water NE Potassium bijodate NE NE NE ACGIH TLV TWA STEL Ceiling NE NE NE Water NE NE NE Potassium bijodate Toxicity Data: Water No information available Potassium bijodate No information available Medical Conditions Generally Aggravated by Exposure: None Identified **Target Organs:** None Identified Reproductive Effects: None Identified Carcinogenicity: None Identified Component NTP Listing **IARC Listing** OSHA Regulated No Listing Water No listing Potassium biiodate No listing No listing

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.

'ngestion:

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

Additional First aid and Treatment Notes:

No information available

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Reactivity Data

Stability:

Stable

Hazardous Polymerization:

Will Not Occur

Incompatibles:

Strong reducing agents.

Decomposition Products:

None identified

Conditions to Avoid:

Contamination.

Spill and Disposal Procedures

Spill and Leak Procedures:

Prevent spread of spill. Absorb with inert material and sweep or scoop into a suitable disposal container.

Disposal Procedures:

Dispose in accordance with all Local, State and Federal regulations.

Protective Equipment

Ventilation:

Use adequate general or local exhaust ventilation to keep fume and/or dust levels as low as possible.

Respiratory Protection:

None needed unless use generates annoying or irritating dusts, mists or vapors. Use a dust/mist respirator mask if necessary.

Skin and Eye Protective Equipment:

Safety glasses. Use good chemical handling practices.

Storage and Handling Precautions

Storage Area:

GENERAL

Store in a cool, dry area. Protect containers from physical damage. Protect material from contamination. Sensitive standard, handle carefully.

Transportation Information

Regulated Material domestic ground transportation

(reference: CFR Title 49, Transportation)

Proper Shipping Name:

UN or NA Identification number:

Hazard Class and Label:

Packing Group:

Subsidiary Risk and Label:

☐ Regulated Material via Air Transportation

(reference: ICAO Technical Instructions for the Safe Transport of Dangerous Goods by Air)

Proper Shipping Name:

UN Identification Number:

Hazard Class and Label:

Packing Group:

Subsidiary Risk and Label:

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Transportation Information							
Passenger Aircraft: Cargo Aircraft:	Packing Instruction Max net qty per package						
Regulatory Information							
Component Water Potassium biiodate SARA Hazard Categories: Water	TSCA Inventory Acute	CERC RC	lbs Ibs	SARA TF mability		SARA 313 To de min	i <u>mus</u> Ibs Ibs
Potassium biiodate <u>Clean Air Act Categories:</u> Water Potassium biiodate	SOCMI	HAP	<u>Volat</u>	ile HAP	Organic H	AP Ozone D	epleting]

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 *****