Material Safety Data Sheet

Potassium Iodide-Iodate Titrant (RXSOL-62-5503-006)

1. Product and Company Identifaction

Product Name	RXSOL-62-5503-006
Product Type	Potassium Iodide-Iodate Solution

Company Details:

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA

Phone	+91 22 65113333 / 5555 / 9999
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2. Composition / informationon ingredients

SARA 313 Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
Sodium Bicarbonate		0.5%	W/V	OSHA PEL 2 mg/m*f*
Potassium Iodate	CAS 7758-05-6	0.1%	W/V	TXDS: orl-mus LDLo: 531 mg/Kg
Potassium Iodide	CAS 7681-11-0	0.5%	W/V	TXDS: orl-hmn LDLo: 1862 mg/Kg
Water, Deionized ASTM Type II	CAS 7732- 18-5	98.9%	V/V	None Established

3. Hazards Identification

May be harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling.

Emergency Overview:May Cause Gastrointestinal Upset

Inhalation:No Adverse Health Effects Expected from Inhalation.

Ingestion:Large Doses may Cause Gastrointestinal Upset.

Skin:No Adverse Effects Expected.

Eye Contact:No Adverse Effects Expected.

Chronic Exposure:No Information Found.

Aggravated by Exposure:No Information Found.

4. First Aid Measures

May be harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling.

SKIN:	Wash exposed area with soap and water. If irritation persists, seek medical attention.
EYES:	Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally.
INGESTION:	If swallowed, induce vomiting immediately after giving two glasses of water. Never give anything by mouth to an unconscious person.

5. Fire-fighting Measures

Fire Extinguisher Type:	Any means suitable for extinguishing surrounding fire
Fire / Explosion Hazards:	None Known.
Fire Fighting Procedure:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing

6. Accidental Release Measures

Absorb spill with inert material, then place in a chemical waste container. Dispose of in a manner consistent with federal, local law.

Ventilate Area of Leak or Spill. Keep Unnecessary and Unprotected People away from Area of of Spill. Wear Appropriate Personal Protective Equipment as Specified in Section 7. Contain and Recover Liquid when Possible. Collect Liquid in a Appropriate Container and Absorb with Dry Sand, Vermiculite, Earth or other Inert Substance and Package in a Suitable Container for Disposal. Do Not Flush to Sewer!

7. Handling and Storage

Store in a cool dry place. Do not get in eyes, on skin, on clothing. Wash thoroughly after handling

8. Exposure controls and personal protection

Respiratory Protection	None required
Ventilation	Local
OTHER	Mechanical
Protective Gloves	Gloves to prevent skin exposure as rubber or vinyl
EYE PROTECTION	Splash Goggles
Other Protective Equipment	Wear appropriate clothing to prevent skin exposure

9. Physical and chemical properties

BOILING POINT	~100°C
VAPOR PRESSURE	Information not available
MELTING POINT	~0°C
VAPOR DENSITY	Information not available
EVAPORATION RATE	N/E

Appearance /Odors	Colorless odorless liquid
Flash Point	Not flammable
Specific Gravity	~1
Percent Volatile by Evaporation Standard	>90
Auto Ignition Temp	N/A
Lower Flamm. Limit in Air	N/A
Upper Flamm. Limit in Air	N/A
Solubility in Water	Soluble

10. Stability and reactivity

STABILITY	Stable
CONDITIONS TO AVOID	None known
MATERIALS TO AVOID	None known
HAZARDOUS DECOMPOSITION PRODUCTS	Burning may cause toxic iodine vapors
HAZARDOUS POLYMERIZATION	Will Not Occur
Conditions to Avoid	None known

11. Toxicological information

IARC Category- None, NTP Carcinogen - Known: No

12. Ecological information

No Information Found.

13. Disposal considerations

Disposal should be made in accordance with federal, state and local regulations.

14. Transport information

DOT Classification: Not Regulated

DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

15. Regulatory information

Components listed on TSCA Inventory.

16. Other information

Conditions aggravated/target organs: Persons with preexisting skin, eye or respiratory disorders may be more susceptible. Acute: Possible irritation to skin, eyes, mucous membranes, respiratory and GI tracts. Chronic: None known

Flammability

Health

Reactivity

Revisions	NFPA
7/28/2010	0.1 updated msds to 16 section from 10 section msds. STN

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