Material Safety Data Sheet

Potassium Iodide Crystals (RXSOL-60-6220-500)

1. Product and Company Identifaction

Product Name	Potassium Iodide Crystals
Product Type	RXSOL-60-6220-500

Company Details:

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

Stock Point : Mumbai, Fujairah, Muscat, Kandla, Chennai, Kolkata, Visakhapatnam

Phone	+91 22 27815541 / 42
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
Email	mail@rxmarine.com

2. Composition / informationon ingredients

SARA 313 Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
Potassium Iodide	CAS# 7681-11-0	100%	W/V	TXDS: orl-hmn LDLo:1862 mg/Kg

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:Caution! May Cause Irritation to Skin, Eyes, and Respiratory Tract.

Inhalation:May Cause Irritation to the Respiratory Tract. Symptoms may Include Coughing and Shortness of Breath.

Ingestion:Large Oral Doses may Cause Irritation to the Gastrointestinal Tract.

Skin:May Cause Irritation with Redness and Pain.

Eye ContactMay Cause Irritation, Redness and Pain.

Chronic Exposure:Chronic Ingestion of Iodides may Produce “iodism,” Which may be Manifested by Skin Rash, Running Nose, Headache and Irritation of Mucous Membranes. Weakness, Anemia, Loss of Weight and General Depression may also Occur.

Aggravated by Exposure:No Information Found.

4. First Aid Measures

May cause irritation and burns. May be harmful if swallowed. Avoid breathing vapor or dust. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

SKIN:	Wash exposed area with soap and water. If irritation persists, seek
EYES:	Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid. INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen
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:	Water spray, Carbon dioxide, dry chemical, powder, foam.
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

Sweep up and place in suitable (fiberboard) containers for reclamation or later disposal.

Ventilate area or Leak or Spill. Wear Appropriate Personal Protective Equipment as Specified in
Section 8 Sweep up and Containeriz for Reclamation or Disposal. Vacuuming or Wet Sweeping may be Use to Avoid Dust Dispersal.

7. Handling and Storage

Store in a cool, dry well ventilated area away from incompatible materials.

8. Exposure controls and personal protection

Respiratory Protection	NIOSH/MSHA-approved respirator
Ventilation	Local
OTHER	Mechanical
Protective Gloves	Wear appropriate gloves to prevent skin exposure
EYE PROTECTION	Eyeglassses orchemical safety goggles.
Other Protective Equipment	Wear appropriate clothing to prevent skin exposure

9. Physical and chemical properties

BOILING POINT	2426 Deg F
VAPOR PRESSURE	Information not available
MELTING POINT	1256 deg F
VAPOR DENSITY	Information not available
EVAPORATION RATE	1
Appearance /Odors	Clear colorless liquid/no
Flash Point	93°C Potassium Iodide Crystals
Specific Gravity	Soluble in water
Percent Volatile by	0
Auto Ignition Temp	Not applicable
Lower Flamm. Limit in Air	Not applicable
Upper Flamm. Limit in Air	Not applicable
Solubility in Water	Soluble in water
Specific Gravity:	3.13

10. Stability and reactivity

STABILITY	Stable

CONDITIONS TO AVOID	Incompatible materials, light, moisture.
MATERIALS TO AVOID	Salts of alkaloids, chloral hydrate,calomel, potassium chlorate, metallic
HAZARDOUS DECOMPOSITION PRODUCTS	salts, tartaric and other acids Oxides of potassium, iodine
HAZARDOUS POLYMERIZATION	Has not been reported
Conditions to Avoid	None known

11. Toxicological information

Carcinogenic References: NTP Carcinogen - Known: No, IARC Category- None

12. Ecological information

No Information Found.

13. Disposal considerations

Whatever Cannot be Saved for Recovery or Recycling Shoul be Managed in an Appropriate and Approved Waste Disposal Facility. Processing, Use or Contamination of this Product may Change the Waste Management Options. State and Local Disposal Regulations may Differ from Federal Disposal Regulations. Dispose of Container and Unused Contents in Accordance with Federal, State and Local Requirements.

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

Chemical Inventory Status –
Part 1:Ingrdient TSCA EC Japan Australia
Potassium Iodide (7681-11-0))Yes Yes Yes Yes

Chemical Inventory Status –
Part 2:Ingredient Korea DSL NDSL Phil.
Potassium Iodide (7681-11-0)Yes Yes NO Yes

Federal, State & International Regulations –
Part 1: Ingredient RQ TPQ List Chemical Catg.
Potassium Iodide (7681-11-0)NO NO NO NO

Federal, State &
nternational Regulations –
Part 2:Ingredient CERCLA 261.33 8(d)
Potassium Iodide (7681-11-0)

TSCA 12 (b):No
CDTA:No
SARA 311/312: Acute: Yes Chronic: Yes
Fire: NO Pressure: No
Reactivity: No PURE/SOLID)
Australian Hazchem NONE ALLOCATED
Poison Schedule:NONE ALLOCATED

16. Other information

If material comes in contact with eyes or skin flush with water for 15 minutes. If ingested give 2-4 cups of milk or water, never give to an unconscious person. If inhaled remove to fresh air immediately, if not breathing give artificial respiration. For all seek medical attention. Ingestion has resorted in fetal death, severe

goiter, and cretinoid appearance of the newborn. May cause respiratory tract infection. Chronic exposure can lead to iodism characterized to salivaiton, nasal discharge, sneezing, fever, laryngitis, bronchitis, stomatitis, and skin rashes. Persons with pre-Potassium Iodide Crystals existing disorders may be more susceptible.

Flammability

Health

Reactively

Revisions	NFPA
7/26/2010	0.1 updated msds to 16 section from 10 section msds. STN

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