

1. Product and Company Identification

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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

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Email mail@rxmarine.com

2. Composition / Information on ingredients

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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

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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 Contact: May 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

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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, provide artificial respiration. If breathing is difficult, give oxygen.

INGESTION:

If swallowed, induce vomiting immediately after giving two glasses of water. Do not give anything by mouth to an unconscious person.

5. Fire-fighting Measures

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Fire Extinguisher Type

Water spray, Carbon dioxide, dry chemical, powder, foam.

Fire / Explosion Hazards

None Known.

Fire Fighting Procedures

Wear self-contained breathing apparatus and protective clothing to protect skin and clothing.

6. Accidental Release Measures

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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 Containerize for Reclamation or Disposal. Vacuuming or Wet Sweeping may be Used to Avoid Dust Dispersal.

7. Handling and Storage

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

8. Exposure controls and personal protection

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Respiratory Protection

NIOSH/MSHA-approved respirator

Ventilation

Local

OTHER

Mechanical

Protective Gloves

Wear appropriate gloves to prevent skin exposure

EYE PROTECTION

Eyeglasses or chemical safety goggles.

Other Protective Equipment

Wear appropriate clothing to prevent skin exposure

9. Physical and chemical properties

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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

Pressure Vessel by

0

Auto Ignition Temp

Not applicable

Lower Flammable Limit in Air

Not applicable

Upper Flammable Limit in Air

Not applicable

Solubility in Water

Soluble in water

Specific Gravity:

3.13

10. Stability and reactivity

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STABILITY

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

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

12. Ecological information

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No Information Found.

13. Disposal considerations

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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

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DOT Classification: Not Regulated

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

15. Regulatory information

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Chemical Inventory Status ☐

Part 1:Ingredient 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

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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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