

1. Product and Company Identification

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Product Name Potassium Iodide 5% Solution
Product Type RXSOL-60-6226-500

Company Details:

RX MARINE INTERNATIONAL
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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	5%	W/V	TXDS: orl-hmn LDLo:1862 mg/Kg
Water, Deionized ASTM Type II	CAS# 7732-18-5	95%	V/V	None Established

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:Large Doses 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

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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..

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.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

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Fire Extinguisher Type:

Fire / Explosion Hazard:

Fire Fighting Procedure:

Any means suitable for extinguishing surrounding fire
Thermal decomposition produces highly toxic fumes.
Wear self-contained breathing apparatus and protective clothing to protect skin and clothing.

6. Accidental Release Measures

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Absorb spill with inert material. Flush excess down drain. Ventilate Area of Leak or Spill. Keep Unnecessary and Unprotected People away from Area of Spill. Wear Appropriate Personal Protective Equipment as Specified in Section 8. Contain and Recover Liquid when Possible. Collect Liquid in Appropriate Container and Absorb with Dry Sand, Vermiculite, Earth or other Inert Substance and Package

7. Handling and Storage

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

8. Exposure controls and personal protection

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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

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BOILING POINT		~100°C
VAPOR PRESSURE	not available	
MELTING POINT	~0°C	
VAPOR DENSITY	not available	
EVAPORATION RATE	information not available	
Appearance /Odors	Clearless liquid,odorless	
Flash Point	<small>No applicable</small>	
Specific Gravity	~1	
<small>Percent Volatile by</small>	95%	
<small>Evaporative Standard</small>		
<small>Air in Equilibrium Temp</small>	<small>No applicable</small>	
<small>Lower Flamm. Limit in Air</small>	<small>No applicable</small>	
<small>Upper Flamm. Limit in Air</small>	<small>No applicable</small>	
Solubility in Water	Soluble	

10. Stability and reactivity

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STABILITY

CONDITIONS TO AVOID

Suitable Container for Disposal. Do Not Flush to Sewer! Avoid exposure to light and air

MATERIALS TO AVOID

Reducing agents, acids, brass, magnesium, zinc, cadmium, copper, tin,

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS POLYMERIZATION

will not occur

Conditions to Avoid

None known

11. Toxicological information

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

12. Ecological information

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Environmental Fate: No Information Found.

Environmental Toxicity: No Information Found.

13. Disposal considerations

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Whatever cannot be saved for recovery or recycling should 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

Potassium Iodide (7681-11-0)

Water (7732-18-5)

TSCA Yes Yes

EC Yes Yes

Japan No Yes

Australia Yes Yes

Chemical Inventory Status

Part 2: Ingredient

Potassium Iodide (7681-11-0)

Water (7732-18-5)

Korea Yes Yes

DSL Yes Yes

NDSL No No

Phil. Yes Yes

Federal, State & International Regulations

Part 1: Ingredient.

Potassium Iodide (7681-11-0)

Water (7732-18-5)

RQ NO No

TPQ No Yes

List Yes No

Chemical Catg No No

Federal, State &
International Regulations ☒
Part 2:Ingredient
Potassium Iodide (7681-11-0)
Water (7732-18-5)
CERCLA No No
261.33 No No
8(d) No No

Chemical Weapons Convention:No
TSCA 12 (b):No
CDTA:No Mixture/Liquid)
SARA 311/312: Acute: Yes
Chronic: Yes
Fire: No
Pressure: No
Reactivity: No

Australian Hazchem Code: None allocated
Poison Schedule: None allocated

16. Other information

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Irritant! Possible Teratogen! Conditions aggravated/target organs:Persons with preexisting skin, eye or respiratory conditions may be more susceptible.
Acute: Irritation to skin, eyes, mucous membranes and respiratory tract. Chronic: none known.

Flammability

Health

Reactivity

Revisions
7/28/2010

NFPA
0.1 updated msds to 16 section from 10 section msds. STN
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