

1. Product and Company Identification

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Product Name RXSOL-60-6187-500
Product Type Potassium Chromate Solution

Company Details:

RX MARINE INTERNATIONAL
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2. Composition / Information on ingredients

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Mixture

Name	Product identifier	w/w %	Classification (GHS-US)
	ICAS No.17702-88-5	95	Not classified
Potassium chromate	ICAS No.17799-06-6	5	Skin Irrit. 2, H315 Eye Irrit. 2B, H320 Skin Sens. 1, H317 Muta. 1B, H340 Carc. 1A, H350 STOT SE 3, H335 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

3. Hazards Identification

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Classification Of The Substance Or Mixture

Classification (GHS-US)

Skin Irrit. 2 H315
Eye Irrit. 2B H320
Skin Sens. 1 H317
Muta. 1B H340
Carc. 1A H350
STOT SE 3 H335

Label Elements

GHS-US labeling

Hazard pictograms (GHS-US) :

GHS07

GHS08

Signal word (GHS-US) : Danger
Hazard statements (GHS-US) : H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H320 - Causes eye irritation

H335 - May cause respiratory irritation

H340 - May cause genetic defects

H350 - May cause cancer (inhalation)

Precautionary statements (GHS-US) : P201 - Obtain special instructions before use

P202 - Do not handle until all safety precautions have been read and understood

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P261 - Avoid breathing mist, spray, vapors.

P264 - Wash hands and forearms thoroughly after handling.

P271 - Use only outdoors or in a well-ventilated area

P272 - Contaminated work clothing should not be allowed out of the workplace

P273 - Avoid release to the environment

P280 - Wear eye protection, protective gloves, protective clothing.

P302+P352 - IF ON SKIN: Wash with plenty of soap and water

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing

P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308+P313 - IF exposed or concerned: Get medical advice/attention

P312 - Call a POISON CENTER or doctor if you feel unwell

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention

P337+P313 - If eye irritation persists: Get medical advice/attention

P321 - Specific treatment (see section 4)

P362+P364 - Take off contaminated clothing and wash it before reuse

P391 - Collect spillage

P403+P233 - Store in a well-ventilated place. Keep container tightly closed

P405 - Store locked up

P501 - Dispose of contents/container according to local, regional, national, and international regulations.

Other Hazards

Other hazards not contributing to the classification:

Hazardous to the aquatic environment ☒ Acute Hazard Category 1.

Hazardous to the aquatic environment ☒ Chronic Hazard Category 1.

H400 - Very toxic to aquatic life.

H410 - Very toxic to aquatic life with long lasting effects.

Unknown acute toxicity (GHS US) Not available

4. First Aid Measures

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Description Of First Aid Measures

General: Never give anything by mouth to an unconscious person. IF exposed or concerned: Get medical advice/attention.

Inhalation: When symptoms occur: go into open air and ventilate suspected area. IF exposed or concerned: Get medical advice/attention.

Skin Contact: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

Eye Contact: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.

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Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

Most Important Symptoms And Effects Both Acute and Delayed

General: Causes damage to organs through prolonged or repeated exposure. May cause genetic defects. May cause cancer.

Inhalation: May cause cancer by inhalation; May cause respiratory irritation.

Skin Contact: Causes skin irritation. May cause an allergic skin reaction.

Eye Contact: Causes eye irritation, redness and pain.

Ingestion: Ingestion may cause nausea, vomiting and diarrhea.

Chronic symptoms: Prolonged and frequent exposure through inhalation may cause cancer.

Indication Of Any Immediate Medical Attention And Special Treatment Needed

If you feel unwell, seek medical advice (show the label where possible).

5. Fire-fighting Measures

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Extinction Media

Suitable extinguishing media: From Dry powder, Carbon dioxide, Water spray

Unsuitable extinguishing media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

Special Risks Arising From The Substance Or Mixture

Fire hazard: Not considered flammable but may burn at high temperatures.

Explosion hazard: Explosive when mixed with oxidizing substances.

Reactivity: May cause or intensify fire, oxidizer.

Advice For Firefighters

Fire-fighting procedures: Not available

Firefighting instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Do not allow run-off from fire fighting to enter drains or water courses.

Precautions during fire-fighting: Do not use fire area unless proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Potassium oxides, Chromium oxides.

6. Accidental Release Measures

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Personal Precautions, Protective Equipment And Emergency Procedures

General measures: Avoid all eyes and skin contact and do not breathe vapor and mist.

For Non-Emergency Personnel

Protective equipment : Use appropriate personal protection equipment (PPE).

Emergency procedures: Evacuate unnecessary personnel.

For Emergency Personnel

Protective equipment: Equip cleanup crew with proper protection.

Emergency procedures: Ventilate area.

Environmental Precautions

Prevent entry to sewers and public waters.

Methods And Material For Containment And Cleaning Up

For containment : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for cleaning up: Absorb and/or contain spill with inert material, then place in suitable container.

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Reference To Other Sections

See Heading 8. Exposure controls and personal protection

7. Handling and Storage

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Precaution For Safe Handling

Hygiene measures: Handle in accordance with good industrial hygiene and safety practices. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

Conditions For Safe Storage, Handling And Transportation

Storage conditions: Keep only in the original container in a cool, well-ventilated place away from heat and direct sunlight. Keep container closed when not in use. Store locked up.

Incompatible materials: Reacts with strong oxidizers.

Storage area: Store locked up.

Specific End Use(s)

Laboratory Reagent

8. Exposure controls and personal protection

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Control Parameters

No Occupational Exposure limits have been established for the product or its components.

Additional information: Not available

Exposure Controls

Appropriate engineering controls: Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.

Personal protective equipment: Gas mask. Protective clothing. Gloves. Face shield.

Materials for protective clothing: Chemically resistant materials and fabrics

Hand protection: Wear protective gloves.

Eye protection: Chemical goggles or safety glasses.

Skin and body protection: Wear suitable protective clothing.

Respiratory protection: Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.

Environmental exposure controls: Not available

Other information: When using, do not eat, drink or smoke.

9. Physical and chemical properties

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Information on the Physical and Chemical Properties

Physical state

liquid

Appearance

Clear

Color

Colorless

Odor description

Not available

pH

Not available

Relative vapor density (air = 1.0)

1 (water)

Melting point