

## 1. Product and Company Identification

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Product Name

Sea Growth Treatment SG

Part Number

RXSOL-16-1599-025

### Company Details:

**RX MARINE INTERNATIONAL**

**105, A wing , BSEL , TECH PARK.**

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[www.rxmarine.com](http://www.rxmarine.com)

## 2. Composition / Information on ingredients

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This product is a proprietary blend of quaternary ammonium compounds and non hazardous aqueous detergents.

## 3. Hazards Identification

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Signal Word

Warning

Hazard Statements

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H400 Very toxic to aquatic life.

Precautionary statements - prevention

P260 Do not breathe dust/ fume/ gas/ mist/ vapors  
thoroughly after handling

Do not eat, drink or smoke when using this product

Do not breathe dust/fume/gas/mist/vapors/spray

Wear protective gloves/protective clothing/eye protection

Use only outdoors or in a well-ventilated area

Precautionary statements - response

Immediately call a POISON CENTER or doctor/pharmacist if you feel unwell

### Inhalation

IF INHALED: Remove victim to fresh air and keep at rest

### Skin

IF ON SKIN (or hair): Take off immediately all contaminated clothing

Wash contaminated clothing before reuse

### Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if available and it is not difficult to do. Continue rinsing.

### Ingestion

Rinse mouth

Do NOT induce vomiting

### Storage

Store locked up

Store in a well-ventilated place. Keep container closed

## 4. First Aid Measures

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Skin Contact

Wash off immediately with plenty of water for at least 15 minutes. Remove contaminated clothing and gloves, including the inside, before re-entry

Eye Contact	Rinse immediately with plenty of water, also under running water. If irritation persists, seek medical attention is required. Keep eye wide open while irrigating.
Inhalation:	Do not use mouth-to-mouth method if victim ingested or inhaled the substance. Immediately remove victim to fresh air. If symptoms persist, call a physician immediately. If breathing is difficult, use the aid of a pocket mask equipped with a one-way valve. If no response is seen after 5 minutes, stop. Remove from exposure, lie down. Call a physician immediately for further instructions on respiration.
Ingestion	Do NOT induce vomiting. Never give anything by mouth to someone who is unconscious or is seizing. If symptoms persist, call a physician immediately. Rinse mouth with water. Call a physician immediately.
Most important symptoms/effects	Causes burns by all exposure routes. Ingestion causes severe irritation of the digestive tract and danger of perforation.
Notes to Physician	Treat symptomatically

## 5. Fire-fighting Measures

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Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or CO <sub>2</sub> to fire with water spray.
Unsuitable extinguishing media	No Information Available
Sensitivity to Mechanical Impact	No information available
Sensitivity to Static Discharge	No information available
Specific Hazards Arising from the Chemical	Thermal decomposition can lead to release of irritating gases and vapors. Irritation to eyes, skin and mucous membranes. Do not allow contact with skin or clothing during use or spillages.
Hazardous Combustion Products	Thermal decomposition can lead to release of irritating gases and vapors. Precautions for Firefighters As in any fire, wear self-contained breathing apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective clothing. Avoid release of irritating gases and vapors.
Protective Equipment and Precautions for Firefighters	Use personal protective equipment as required. Avoid release of irritating gases and vapors. ventilation. Keep people away from and upwind of spillages.
Further Information	Do not flush into surface water or sanitary sewer system. Do not release into air. Prevent product from entering drainage system. Prevent product from entering drainage system. Prevent product from entering drainage system. spillages cannot be contained.

## 6. Accidental Release Measures

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Spillage	Absorb with an inert material and put the spillage in a container for proper disposal. Flammable liquid. Keep away from heat. Keep away from open flame without risk. Absorb with DRY earth, sand or other non-combustible inert material. Prevent entry into sewers, basements or confined spaces. If the product is not present at a concentration level above TLV, no further action is required by authorities.
Personal Protection	Use personal protective equipment. Ensure adequate ventilation. Take precautionary measures against static discharges.
Environmental Precaution	Should not be released into the environment. See Section 12. Avoid release to the environment. Collect spillage. Do not discharge into the drainage system.
Methods and materials for containment and cleaning	Soak up with inert absorbent material. Keep in suitable container for disposal. Avoid sources of ignition. Use spark-proof tools and explosion-proof equipment.

## 7. Handling and Storage

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Handling	Wear personal protective equipment. Do not get in eyes, chemical fume hood. Do not breathe vapors or spray m flames, hot surfaces and sources of ignition. Use only vapors by static electricity discharge, all metal parts of precautionary measures against static discharges.
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Storage

Hygiene measures

Keep containers tightly closed in a dry, cool and well-ventilated area away from sources of ignition. Flammables area. Corrosives area.

Immediately change contaminated clothing. Apply preventive measures after working with substance.

## 8. Exposure controls and personal protection

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Engineering Control

Provide exhaust ventilation or other engineering controls to keep airborne vapors below their respective threshold limit value. Ensure that controls are proximal to the work-station location.

Personal Protection

**Eye/face Protection :** Wear appropriate protective equipment as described by OSHA's eye and face protection regulation and European Standard EN166.

**Skin and body protection :** Wear appropriate protective clothing to prevent exposure. Long sleeved clothing. Flame retardant antistatic clothing.

**Respiratory Protection :** Follow the OSHA respirator regulations under 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or CE marked respirator if exposure limits are exceeded or if irritation or other symptoms develop.

Handle in accordance with good industrial hygiene and safety practices.

Hygiene Measures

Exposure Limits

TWA: 100 (ppm) [Canada] TWA: 435 (mg/m<sup>3</sup>) [Canada]

ACGIH (TLV) [United States]

TWA: 100 STEL: 150 (ppm) from ACGIH (TLV) [United States] Do not exceed acceptable exposure limits.



Gloves Suit

## 9. Physical and chemical properties

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Form	Liquid
Colour	Colourless
Odour	sweet, Characteristic
Odor Threshold	No Information Available
pH	4-6
Melting Point	-25 °C / -13 °F
Boiling Point	143 - 145 °C / 289.4 - 293 °F
Flash Point	31 °C / 87.8 °F
Evaporation Rate	0.7
Flammability (solid, gas)	Non Flammable

## 10. Stability and reactivity

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Reactivity Hazard	None known, based on information available
Stability	Product is stable.
Possibility of hazardous reactions	No known hazardous reactions.
Conditions to avoid	Incompatible products. Excess heat. Keep away from open flames, hot surfaces and sources of ignition.

Incompatible materials	Strong oxidizing agents, Strong acids, Strong reducing agents
Hazardous Decomposition Products	Carbon monoxide (CO), Carbon dioxide (CO <sub>2</sub> ),
Hazardous Polymerization	Hazardous polymerization does not occur. Hazardous Reactions None under normal processing

## 11. Toxicological information

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Acute oral toxicity	Symptoms: Gastrointestinal disturbance, Risk of aspiration upon vomiting., Pulmonary failure possible after aspiration
Acute dermal toxic	Acute toxicity estimate : 1,134 mg/kg
Skin corrosion	Drying-out effect resulting in rough and chapped skin. Mixture causes skin irritation.
Toxic Effects on Humans	Acute Potential Health Effects: Skin: Causes skin irritation. Can be absorbed through skin. Eyes: Causes eye irritation. Vapor causes respiratory tract and mucous membrane irritation.
Special Remarks on Chronic Effects on Humans	Detected in maternal milk in human. Passes through the placental barrier in animal. Embryotoxic and/or foetotoxic cause adverse reproductive effects (male and female fertility (spontaneous abortion and fetotoxicity) and birth defects) data.
Further information After absorption:	Headache, somnolence, Dizziness, euphoria, agitation, spasms, narcosis Effect potentiated by: ethanol Damage to: nervous system, Liver

## 12. Ecological information

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Toxicity to Fish	No information available.
COD and BOD 5	Not Available
Products of Biodegradation:	No information available.
Mobility in soil	No information available.
Results of PBT and vPvB assessment	Substance(s) in the mixture do(es) not meet the criteria for PBT or vPvB according to Regulation (EC) No 1907/2006, a PBT/vPvB assessment was not conducted.
Other adverse effects	Additional ecological information Discharge into the environment must be avoided.

## 13. Disposal considerations

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Waste treatment Method	Waste material must be disposed of in accordance with the national and local regulations. Leave chemicals in original packaging. Do not mix with other waste. Handle uncleaned containers like the product itself
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## 14. Transport information

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Transport over land ADR/RID : Not classified as hazardous for transport

## 15. Regulatory information

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Classification and labelling	Not classified as hazardous for users- S2 : Keep out of reach of children S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 : After contact with skin, wash immediately with plenty of water. S37/38 : Wear gloves and eye/face protection.
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## 16. Other information

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Other Information

The information above is believed to be accurate and reliable. However, we make no warranty of accuracy, completeness or implied, with respect to such information, and we do not intend to make any investigation to determine the accuracy of the information.

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