

Product Name	RXSOL-44-9901-030
Product Type	Water Softener 5

Company Details:

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
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mail@rxmarine.com

Chemical Name

Concentration

CAS Number

Sodium Chloride	10-20	7440-23-5	Sodium Bicarbonate	5-10	144-55-8	Lime powder	10-15
1305-62-0							

Water Deionized

70

7732-18-5

Target Organs None known.

Potential Health Effects

Acute Effects

Principle Routes of Exposure

Eyes No hazard from product as supplied.

Skin No hazard from product as supplied.

Inhalation Low hazard for usual industrial or commercial handling.

Ingestion Low hazard for usual industrial or commercial handling.

Chronic Effects None known.

Aggravated Medical Conditions No information available.

Eye Contact Flush eyes with water as a precaution. Get medical attention immediately if symptoms occur.

Skin Contact Rinse with water. Get medical attention immediately if symptoms occur.

Inhalation Move to fresh air. Get medical attention immediately if symptoms occur.

Ingestion Do not induce vomiting. Get medical attention immediately if symptoms occur.

Notes to Physician Treat symptomatically.

Method No information available.

Autoignition Temperature No information available.

Explosion Limits

Upper No data available

Lower No data available

Suitable Extinguishing Media Substance is nonflammable; use agent most appropriate to

extinguish surrounding fire..

Unsuitable Extinguishing Media No information available.

Hazardous Combustion Products No information available.

Sensitivity to mechanical impact No information available.

Sensitivity to static discharge No information available.

Specific Hazards Arising from the Chemical

None known.

Personal Precautions Use personal protective equipment.

Environmental Precautions Should not be released into the environment.

NFPA Health 0 Flammability 0

Methods for Containment and Clean

Up

Soak up with inert absorbent material. Keep in suitable and closed containers for disposal.

Handling: Handle in accordance with good industrial hygiene and safety practice.

Storage: Keep containers tightly closed in a dry, cool and well-ventilated place.

Engineering Measures: Ensure that eyewash stations and safety showers are close to the workstation location.

Exposure Guidelines: This product does not contain any hazardous materials with occupational exposure limits

established by the region specific regulatory bodies.

NIOSH IDLH: Immediately Dangerous to Life or Health

Personal Protective Equipment

Eye/face Protection Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's

eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166

Skin and body protection Wear appropriate protective gloves and clothing to prevent skin exposure

Respiratory Protection Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN

149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits

are exceeded or if irritation or other symptoms are experienced

Conductivity

PH

6.00 -7.50

Total Hardness

Chloride

Total Alkalinity

Iron

Copper

Nickel

Oxygen

Silica

Stability: Stable under normal conditions.

Conditions to Avoid: None known.

Incompatible Materials: None known

Hazardous Decomposition Products: None known

Hazardous Polymerization Hazardous: polymerization does not occur

Hazardous Reactions: None under normal processing

Acute Toxicity

Component Information

Component LD50 Oral LD50 Dermal LC50 Inhalation

Water 90 mL/kg (Rat) Not listed Not listed

Irritation: No information available.

Toxicologically Synergistic

Products

No information available.

Chronic Toxicity

Carcinogenicity: There are no known carcinogenic chemicals in this product

Sensitization No: information available.

Mutagenic Effects: No information available.

Reproductive Effects: No information available.

Developmental Effects: No information available.

Teratogenicity: No information available.

Other Adverse Effects: See actual entry in RTECS for complete information.

Endocrine Disruptor Information: No information available

Ecotoxicity

Contains no substances known to be hazardous to the environment or that are not degradable in waste water treatment plants.

Persistence and Degradability No information available

Bioaccumulation/ Accumulation No information available

Mobility No information available

Waste Disposal Methods: Chemical waste generators must determine whether a discarded chemical is classified as a

hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification

- Not classified as hazardous for transport

DOT Not regulated

TDG Not regulated

IATA Not regulated

IMDG/IMO Not regulated

Not APPLICABLE

The information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituents. The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product in terms of safety requirements and does not signify any warranty with regard to the product's properties. The data given here only applies when product used for proper application(s).

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