Material Safety Data Sheet

FRESH WATER GENERATOR TREATMENT (RXSOL-42-6001-025)

1. Product and Company Identifaction

Product Name	**RXSOL-426001-025**
Product Type	FRESH WATER GENERATOR TREATMENT

Company Details:

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA

Stock Point : Mumbai, Kandla, Chennai, Kolkata, Visakhapatnam, Fujairah, Muscat

Phone	+91 22 27815540 / 41 / 42
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2. Composition / informationon ingredients

Chemical Name	Concentration	CAS Number	EC Number	R Phrases*	Symbols
Sodium Acrylate	10-30	25085-02-3	N/A	-	-
Sodium Gluconate Mixture	10-20				
EDTA Blend	5-10				
Proprietary Blend of various Phosphonate	20-25				

*See Section 16

3. Hazards Identification

Odour	Odourless
Appearance	Liquid, pale yellow, soluble in water
Contact with eyes	Mildly irritating to eyes
Contact with skin	In cases of severe exposure, irritation may develop
Inhalation	Vapours or aerosols may cause irritation of eyes, nose and respiratory tract
Ingestion	May cause gastrointestinal disturbances

4. First Aid Measures

Contact with skin	Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash with soap and water Seek medical attention if irritation persists
Contact with eyes	If the substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes Seek medical advice
Ingestion	Never make an unconscious person vomit or drink fluids Give water or milk to drink When in doubt or symptoms persist, seek medical attention
Inhalation	is unlikely to occur Remove patient to fresh air
General	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

5. Fire-fighting Measures

- Non combustible
- Smoke from fires is irritating
- Not flammable. In case of fire use extinguishing media appropriate to surrounding condition

6. Accidental Release Measures

Personal Precautions	Wear protective clothing as per section 8.
Environmental Precautions	No special precautions are required for this product.
Immediate Actions	Shut off the source of leak if safe to do so.
Clean Up Actions	Flush spill area with copious amounts of water.
See SeSpecial Precautions	Wear protective clothing as per section 8 No special precautions are required for this product.

7. Handling and Storage

Handling	The usual precautions for handling chemicals should be observed
Storage	Keep only in the original container in a cool, well ventilated place (S3/9/49

8. Exposure controls and personal protection

Exposure Limits	There are no recommended or established controls for this product.
Exposure controls	No special precautions are required for this product.
Occupational exposure controls	Wear suitable protective clothing, including eye/face protection and gloves (plastic or rubber are recommended).


Gloves


Suit


Goggles

9. Physical and chemical properties

Odour	Odourless
Appearance	Liquid, colouless or pale yellow, soluble in water
pH	8.5 - 10 at 100 % concentration
Boiling point	>100 °C at 760 mm /Hg
Vapour pressure	not known
Freezing point	0 °C at 760 mm/Hg
Completely soluble in water	
Specific gravity (water=1)	1.08
Non	combustible

10. Stability and reactivity

- No hazardous decomposition products known
- Avoid overheating, Keep away from frost

11. Toxicological information

Toxicological information	LD50 (dermal) : > 10000 mg/kg No effects in humans.
Inhalation	Vapours or aerosols may cause irritation of eyes, nose and respiratory tract.
Contact with skin	In cases of severe exposure, redness and irritation may develop.
Contact with eyes	In cases of severe exposure, redness may develop.
Ingestion	In cases of severe exposure, gastro-intestinal disturbances may develop.
Carcinogenicity	No evidence of carcinogenic effects.

12. Ecological information

Ecotoxicity	On available data, the substance is not harmful to aquatic life LC50 (bluegill sunfish) 4750 mg/l (96 hr) (Sodium acrylate).
Mobility	Completely soluble in water.
Persistence and Biodegradability	Most components in this product are not readily biodegradable. Sodium polyacrylate: Chemical oxygen demand (COD) 0.4 g/g Biological oxygen demand (BOD) 0.009 g/g.
Bioaccumulation Potential	Bioaccumulation is insignificant.
Other Adverse Effects	Presents little or no hazard to the aquatic environment.

13. Disposal considerations

Classification	EU Waste class.
Disposal considerations	Do not discharge into drains or the environment, dispose to an authorised waste collection point Disposal should be in accordance with local, state or national legislation.

14. Transport information

- Not classified as hazardous for transport

15. Regulatory information

Classification and labelling	Not classified as hazardous for users
Risk Phrases	Not applicable
Safety Phrases	Not applicable

16. Other information

The information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituentsThe 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). The product is not sold as suitable for other applications usage in such may cause risks not mentioned in this sheet. Do not use for other application(s) without seeking advice from manufacturer .

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