

1. Product and Company Identification

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Product Name : STP TG Neutralizer
Part Number : RXSOL-40-5028-025

Company Details:

RX MARINE INTERNATIONAL
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2. Composition / Information on ingredients

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Name of Substance	Cas Number
Sodium Sulfit	7757 -83-7
DM Water	7732-18-5
Stabilizer	Proprietary

3. Hazards Identification

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Signal Word	Warning (Irritant)
Hazard Statements	H315 ☒ Causes skin irritation H320 ☒ Causes eye irritation. H333 - May be harmful if inhaled.
Precautionary statements - prevention	P264 ☒ Wash thoroughly after handling. P305, P351 and P338 ☒ IF IN EYES: Rinse with water for several minutes. Remove contact lenses if present and continue rinsing. P302 + P352 ☒ IF ON SKIN: Wash with plenty of soap and water
Precautionary statements - response	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor/ physician. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage. Storage: Store locked up. Store in original supplied container.

4. First Aid Measures

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Eye Contact	Rinse immediately with plenty of water, also under running water if wearing contact lenses, if present and easy to do. Continue rinsing. Get medical attention if necessary.
Skin Contact	Wash off immediately with plenty of water for at least 15 minutes. Wash clothing before reuse. Thoroughly clean shoes before reuse.
Inhalation:	If inhaled, If inhaled, remove to fresh air. If respiratory distress is severe or difficult, give oxygen.
Ingestion:	Call a physician. If swallowed, do not induce vomiting. Allow victim to drink water.
Notes to Physicians	Never give anything by mouth to an unconscious person. Treat symptomatically.

5. Fire-fighting Measures

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Flamibility	Not Flammable
Suitable extinguishing media	Use extinguishing measures that are appropriate to the hazard.
Protective Equipment	Use personal protective equipment.
Hazardous combustionproducts	May release hazardous gas
Advice for firefighters	Wear self-contained breathing apparatus. Wear full protective clothing. Because fire may produce toxic thermal decomposition products, firefighters should wear a self-contained breathing apparatus (SCBA) in positive-pressure mode.
Specific extinguishing methods	Fire residues and contaminated fire extinguishing media should be disposed of in accordance with local regulations. In the event of fire and/or explosion, contact the relevant authorities.

6. Accidental Release Measures

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Personal Protectiv	Wear appropriate PPE Kit
Spillage	Leaks may be located by spraying the area with ammonia solution, which forms a white fume in the presence of sulfur dioxide.
Enviromental Precaution	Do not allow contact with soil, surface or ground water. Inform the relevant authorities immediately.
Methods and materials for containment and cleaning up	Stop leak if safe to do so. Contain spillage, and then clean up spillage (e.g. sand, earth, diatomaceous earth, vermiculite) and dispose of according to local / national regulations.

For large spills, dike spilled material or otherwise contain it from reaching a waterway.

7. Handling and Storage

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Advice on safe handling

Do not ingest. Do not get in eyes, on skin, or on clothing.

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

Wash hands thoroughly after handling.

Storage

Do not store near acids. Keep out of reach of children.

Store in suitable labeled containers. Store in areas, away from heat, and

protected from physical damage. Segregate from acids.

Advice on general occupational hygiene

Wash hands after use. Do not to eat, drink and smoke.

Remove contaminated clothing and protective equipment.

8. Exposure controls and personal protection

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Engineering Control

Provide general or local exhaust ventilation system to maintain exposure limits .

Local exhaust ventilation is preferred because it prevents exposure

by controlling it at the source.

Personal Protection

Eye protection : Wear eye protection/ face protection.

Hand protection : Wear the following personal protective equipment.

Gloves should be discarded and replaced if they show signs of wear or breakthrough.

Skin protection : Personal protective equipment consisting of

safety goggles and protective clothing

Respiratory protection

Follow OSHA respirator regulations (29 CFR 1910.134).

Always wear a MSHA/NIOSH-approved respirator.

Select respirator based on its suitability to provide protection under the conditions,

level of airborne contamination, and presence of sufficient oxygen.

For emergency or non-routine operations (cleaning and maintenance)

wear a SCBA. Warning! Air-purifying respirators are not suitable for oxygen-deficient atmospheres.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practices.

Remove and wash contaminated clothing before re-entry to the work area.

Wash face, hands and any exposed skin thoroughly after use.

Provide suitable facilities for quick drenching or flushing in case of eye or skin splash hazard.



Gloves Suit

9. Physical and chemical properties

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Form	Liquid
Colour	Colourless
Odour	Odourless
Boiling point	100°C
Flash Point	Not Flammable
Freezing Point	0°C
pH	8 -9
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper explosion limit	No data available
Lower explosion limit	No data available
Explosive properties	No data available
Vapor pressure	No data available
Relative vapor density	No data available
Relative density	1.15 -1.25 g/cm ³ (25°C)
Water solubility	Soluble
Solubility in other solvents	Soluble in Glycerin
Partition coefficient: octanol	No data available
Autoignition temperature	No data available
Thermal decomposition	No data available
Viscosity, kinematic	No data available
Molecular weight	No data available
VOC	No data available

10. Stability and reactivity

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Reactivity	None
Stability	Stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Chemical Incompatibilities:	It may, in acidic solutions, release toxic and hazardous fumes of sulfur oxides, including sulfur dioxide. Acute poisoning from sulfur dioxide is rare because the gas is easily detected. It is so irritating that contact cannot be tolerated. Symptoms include coughing, hoarseness, sneezing, tearing, and breathing difficulty. However, workers who cannot escape high accidental

exposure may suffer severe pulmonary damage which can be fatal.

Contact with powdered potassium, sodium metals, alkali, and oxidizing

agents produce violent reactions. Reacts with water and steam to form corrosive sulfurous acid. Reacts with chlorates to form chlorine dioxide

Hazardous Decomposition

Decomposition products may include the following materials:
Sulphurous oxides (SO_x)
May release hazardous sulfur dioxide gas.

Condition to Avoid

Avoid excessive heat, or open flame.

Polymerization

Will not occur.

11. Toxicological information

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Route of Exposure

Inhalation, Eye contact, Skin contact

Eye Effects (rabbit)

Not available.

Skin Effects (rabbit):

Not available

Acute Inhalation Effects (rabbit):

Not Available

Acute Oral Effects (rabbit):LD50 =

Not Available

Carcinogenicity

IARC, NTP, and OSHA do not list Sodium Sulfite as a carcinogen.

Chronic Effects

Prolonged or repeated exposure may cause dermatitis, and sensitization reactions.

Exposure to asthmatic, atopic and sulfite sensitive individuals

may result in severe bronchoconstriction and reduced levels in forced expiratory volume.

Acidic decomposition of sodium sulfite may release toxic and hazardous fumes of sulfur oxides, including sulfur dioxide, which can cause permanent pulmonary impairments from acute and chronic exposure.

12. Ecological information

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Ecotoxicity

This solution is commonly used as a waste water, Ballast Water dechlorination agent. High concentrations will contribute to elevated chemical oxygen demand in aquatic environments.

Environmental Effects

No data available

Toxicity to fish

No data available

Toxicity to daphnia and others

No data available

Toxicity to algae

No data available

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

Slight

13. Disposal considerations

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Remarks

Please consider the relevant national or regional provisions.

Waste Disposal

Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities. The product should not be allowed to enter drains, water courses or the soil. Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.

14. Transport information

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UN Number	Not Applicable
Proper shipping name	Non-Regulated Material
Transport hazard class(es)	
ADR/RID	Not Applicable
Subsidiary risk IMDG	Non-Regulated Material
Subsidiary risk IATA	Non-Regulated Material
Packing group	Not Applicable
Environmental hazards	No
Marine pollutant	Not Applicable
ADR/RID	
Hazard ID	NA
Tunnel Category	NA
IMDG	
EmS Code	NA
IATA	
Label:	GHS label requirements
Special Provisions:	None indicated

15. Regulatory information

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EPA Regulations

RCRA Hazardous Waste Classification (40 CFR 261.24)
RCRA Hazardous Waste Number (40 CFR 261.24)
CERCLA Hazardous Substance (40 CFR 302.410)
CERCLA Reportable Quantity (RQ)
SARA Title III
FIFRA
TSCA

OSHA Regulations

Air Contaminant (29 CFR 1910.1000) Not listed
OSHA Specifically Regulated Substance: Not listed

16. Other information

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Other Information

The information above is believed to be accurate

and represents the best information currently available.

However, we make no warranty of merchantability

express or implied, with respect to such information.

Users should make their own investigations to determine suitability for their particular purposes.

In no event shall we be liable for any claims, losses, or damages, direct, special,

indirect, incidental, consequential or exemplary damages.

International has been advised of the possibility of such damages.

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