Material Safety Data Sheet

STP Neutralizer (RXSOL-40-5028-025)

1. Product and Company Identifaction

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

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

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2. Composition / informationon ingredients

Name of Substance	Cas Number	EINECS No
Sodium Sulfite	7757 -83-7	231-821-4
DM Water	7732-18-5	231-791-2
Stabilizer	Proprietory	------

3. Hazards Identification

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. **Disposal:** Dispose of contents/ container to an approved waste disposal plant.

4. First Aid Measures

Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.
Skin Contact	Wash off immediately with plenty of water for at least 15 minutes. Use a mild soap if available. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.
Inhalation:	If inhaled, If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.
Ingestion:	If swallowed, do not induce vomiting. Allow victim to rinse his mouth and then to drink 2-4 cupfuls of water. Never give anything by mouth to an unconscious person. Call a physician.
Notes to Physicians	Treat symptomatically.

5. Fire-fighting Measures

Flamibility	Not Flammable
Suitable extinguishing media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Protective Equipment	Use personal protective equipment.
Hazardous combustionproducts	May release hazardous gas
Advice for firefighters	Wear self-contained breathing apparatus. Wear full protective equipment. Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full face piece operated in pressure-demand or positive-pressure mode.

Specific extinguishing methods	Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

6. Accidental Release Measures

Personal Protectiv	Wear appropriate PPE Kit
Spillage	Leaks may be located by spraying the area with ammonium hydroxide solution which forms a white fume in the presence of sulfur dioxide.
Enviromental Precaution	Do not allow contact with soil, surface or ground water.If the products get into drains, inform the relevant authorities immediately.
Methods and materials for containment and cleaning up	Stop leak if safe to do so. Contain spillage, and then collect with noncombustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

7. Handling and Storage

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. Use only with adequate ventilation. 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 moisture and protected from physical damage. Segregate from acids and oxidizers.
Advice on general occupational hygiene	Wash hands after use. Do not to eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas.

8. Exposure controls and personal protection

Engineering Control	Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA limits . Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at the source.
Personal Protection	**Eye protection :** Wear eye protection/ face protection. **Hand protection :** Wear the following personal protective equipment: Standard glove type. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. **Skin protection :** Personal protective equipment comprising: suitable protective gloves, safety goggles and protective clothing
Respiratory protection	Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear a MSHA/NIOSH-approved respirator. Select respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contamination, and presence of sufficient oxygen. For emergency or non-routine operations (cleaning spills, reactor vessels, or storage tanks), wear a SCBA. Warning! Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Wash face, hands and any exposed skin thoroughly after handling. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.



Gloves



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9. Physical and chemical properties

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/cm3 (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

Recativity	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 unstable chlorine dioxide
Hazardous Decomposition	Decomposition products may include the following materials: Sulphurous oxides (SOx) May release hazardous sulfur dioxide gas.
Condition to Avoid	Avoid excessive heat, or open flame.
Polymerization	Will not occur.

11. Toxicological information

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 may cause permanent pulmonary impairments from acute and chronic exposure.

12. Ecological information

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

Remarks	Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.
Waste Disposal	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

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

EPA Regulations	RCRA Hazardous Waste Classification (40 CFR 261) : Not listed RCRA Hazardous Waste Number (40 CFR 261) : Not listed. CERCLA Hazardous Substance (40 CFR 302.4) : Not listed. CERCLA Reportable Quantity (RQ) : NA SARA Title III : Not listed. FIFRA : Not regulated. TSCA : All components listed
OSHA Regulations	Air Contaminant (29 CFR 1910.1000) Not listed. OSHA Specifically Regulated Substance: Not listed
Other Regulation	FOR INDUSTRIAL USE. FDA (GRAS): Regulated when used as a food preservative. WHMIS Classification (Canada): D2B

16. Other information

Other Information

The information above is believed to be accurate

and represents the best information currently available to us.

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