Material Safety Data Sheet

Sodium Sulphite (Sulfite), 0.05% Solution (RXSOL-60-6225-100)

1. Product and Company Identifaction

Product Name	Sodium Sulfite, 0.05% Solution
Product Type	RXSOL-60-6225-100

Company Details:

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

Phone	+91 22 65113333 / 5555 / 9999
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
Email	mail@rxmarine.com

2. Composition / informationon ingredients

SARA 313 Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
Sodium Sulfite Anhydrous	CAS# 7757-83-7	0.05%	W/V	OSHA TWA 2pmm (as SO'),STEL 5 ppm(as SO')
Water, Deionized ASTM Type II	CAS# 7732-18-5	99.95%	V/V	None Established

3. Hazards Identification

May be harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling.

Emergency Overview:Caution! Liquid May Be Harmful. Avoid Ingestion, And Contact With Skin,Eyes Or Clothing. If Ingested, Do Not Induce Vomiting. Dilute With Water, Or Milk, And Get Medical Attention. Contact With Acids Produce Hydrogen Sulfide Gas

Inhalation:May cause mild irritation of the respiratory tract. Symptoms may include coughing,dizziness, nausea and headache.May cause sore throat, voiting, diarrhea, stomach upset and effects of inhalation.

Ingestion:May cause irritation, redness, and pain.

Skin: May cause irritation, redness, pain, and tearing.

Eye Contact:No Information Found.

Chronic Exposure:Some individuals are said to be dangerously sensitive to minute amounts of sulfites in foods and some bronchodilator medicines preserved with sulfites.

Aggravation of Pre-Existing Conditions:Symptoms may include bronchi constriction, shock, gastrointestinal disturbances,angio edema,flushing, and tingling sensations

4. First Aid Measures

May be harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts.Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling.

SKIN:	Wash exposed area with soap and water. If irritation persists, seek medical attention.
EYES:	Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally.Seek Medical Aid.
INHALATION:	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen If swallowed give large quantities of water and get medical attention immediately.

5. Fire-fighting Measures

Fire Extinguisher Type:	Any means suitable for extinguishing surrounding fire
Fire / Explosion Hazards:	None Known.
Fire Fighting Procedure:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

6. Accidental Release Measures

Dispose of in a manner consistent with federal, state and local regulations.

Ventilate Area of Leak or Spill. Wear Appropriate Personal Protective Equipment as Specified in Section 8. Contain and Recover Liquid when Possible. Collect Liquid in an Appropriate Container or Absorb with an Inert Material (e.g., Vermiculite, Dry Sand, Earth), and Place in a Chemical Waste Container. Do Not Use Combustible Materials, such as Saw Dust.

7. Handling and Storage

Store in a cool dry place. Do not get in eyes, on skin,on clothing. Wash thoroughly after handling

8. Exposure controls and personal protection

Respiratory Protection	None required
Ventilation	Local
OTHER	Mechanical
Protective Gloves	Gloves to prevent skin exposure as rubber or vinyl
EYE PROTECTION	Splash Goggles
Other Protective Equipment	Wear appropriate clothing to prevent skin exposure

9. Physical and chemical properties

BOILING POINT	~100° C
VAPOR PRESSURE	not available
MELTING POINT	~0° C
VAPOR DENSITY	not available
EVAPORATION RATE	1
Appearance /Odors	Colorless liquid odorless to slight sulfur

Flash Point	Not applicable
Specific Gravity	~1
Percent Volatile by	>99%
Evaporation Standard	Water =1
Auto Ignition Temp	Not applicable
Lower Flamm. Limit in Air	Not applicable
Upper Flamm. Limit in Air	Not applicable
Solubility in Water	Soluble

10. Stability and reactivity

STABILITY	Stable
CONDITIONS TO AVOID	Extreme temperatures, incompatibible material
MATERIALS TO AVOID	Acids, oxidizing materials
HAZARDOUS DECOMPOSITION PRODUCTS	Sodium sulfite or sulfur dioxide at high temp.
HAZARDOUS POLYMERIZATION	will not occur
Conditions to Avoid	None known

11. Toxicological information

Carcinogenic References: NTP Carcinogen - Known: No, IARC Category- 3\

12. Ecological information

No Information Found

13. Disposal considerations

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. Transport information

DOT Classification: Not Regulated

DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

15. Regulatory information

Chemical Inventory Status –
Part 1:Ingrdient TSCA EC Japan Australia

Sodium Sulfite (7757-83-7))Yes Yes Yes Yes
Chemical Inventory Status –
Part 2:Ingredient Korea DSL NDSL Phil.
Sodium Sulfite (7757-83-7)Yes Yes NO Yes

Federal, State & International Regulations –
Part 1: Ingredient RQ TPQ List Chemical Catg.
Sodium Sulfite (7757-83-7)NO NO NO NO

Federal, State &
International Regulations –
Part 2:Ingredient
Sodium Sulfite (7757-83-7)
261.33: NO
8(d):No
Chemical Weapons Convention: No
TSCA 12 (b):No
CDTA:No
SARA 311/312: Acute: Yes Chronic: Yes
Fire: NO Pressure: No
Reactivity: No PURE/SOLID)
(Mixture / Liquid)

Australian Hazchem NONE ALLOCATED
Poison Schedule:NONE ALLOCATED

16. Other information

Effects of exposure: ingestion may cause gastric irritation, diarrhea.Some individuals may develop allergic reactions. May cause irritation to skin after prolonged exposure. Persons with preexisting eye or skin conditions may be more susceptible. Contact with acid produces toxic hydrogen sulfide gas.

Flammability

Health Reactivity

Revisions	NFPA
	0
7/28/2010	0.1 updated msds to 16 section from 10 section msds. STN

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