Material Safety Data Sheet

Quaternary Ammonium Salt Solution (RXSOL-60-6267-100)

1. Product and Company Identifaction

Product Name	Quaternary Ammonium Salt Solution
Product Type	RXSOL-60-6267-100

Company Details:

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

Phone	+91 22 65113333 / 5555 / 9999
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2. Composition / informationon ingredients

SARA 313 Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
1,2-Propanediol(Propylene Glycol)	CAS# 57-55-6	20%	V/V	
Hexadecyltrimethyl Ammonium Bromide	CAS#: 57-09-	1%	v/v	None Established
Triethanolamine 99%	CAS# 102-71-6	10%		OSHA TWA50 ppm (270mg/mƒ)
Water, Deionized ASTM Type II	CAS# 7732-18-5	Balance	V/V	None Established

3. Hazards Identification

Harmful if swallowed.

4. First Aid Measures

Harmful if swallowed.

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
INGESTION:	If swallowed, induce vomiting immediately after giving two glasses of water. Never give anything by mouth to an unconscious person

5. Fire-fighting Measures

Fire Extinguisher Type:	Water spray, Carbon Dioxide, dry chemical, powder, or foam.
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

Absorb spill with inert material, then place in a chemical waste container. Dispose of in a manner consistent with

7. Handling and Storage

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

8. Exposure controls and personal protection

Respiratory Protection	NIOSH-approved dust mask
Ventilation	Local
OTHER	Mechanical
Protective Gloves	Gloves to prevent exposure
EYE PROTECTION	Splash Goggles
Other Protective Equipment	Wear appropriate clothing to prevent skin exposure

9. Physical and chemical properties

BOILING POINT	information not available
VAPOR PRESSURE	not available
MELTING POINT	237 deg C
VAPOR DENSITY	not available
EVAPORATION RATE	information not available
Appearance /Odors	Clear liquid,odorless
Flash Point	Not applicable
Specific Gravity	1.05
Percent Volatile by Evaporation Standard	0
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	None known
MATERIALS TO AVOID	Strong oxidizing agents
HAZARDOUS DECOMPOSITION PRODUCTS	Nitric oxides, carbon oxides, oxideized halogen
HAZARDOUS POLYMERIZATION	will not occur
Conditions to Avoid	None known

11. Toxicological information

Imformation not found

12. Ecological information

Imformation not found

13. Disposal considerations

Imformation not found

14. Transport information

DOT Classification: UN1789, Hydrochloric Acid Solution, 8,PG II

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

15. Regulatory information

Imformation not found

16. Other information

May be harmful if swallowed, inhaled or absorbed through skin.Causes severe irritation to eyes, skin and respiratory tract. Persons with pre-existing skin disorde3rs or impaired respiratory function may be mor susceptible to the effect of the substance.

Flammability

Health Reactivity

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