Material Safety Data Sheet

Aerosol Solution (RXSOL-60-6277-500)

1. Product and Company Identifaction

Product Name	RXSOL-60-6277-500
Product Type	Aerosol Solution

Company Details:

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

Stock Point ::: Mumbai, Kandla, Kolkata, Chennai, Vizag, Fujairah, Barak Muscat

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
2-Ethylhexanol	CAS#: 104-	1%		
Aerosol OT Solid	CAS#: 577-	10-	W/V	1000 ppm OSHA TWA, 1250 ppm OSHA STEL
Alcohol, Reagent Denatured Ethyl Alcohol		1%		OSHA TWA 1000 ppm (1900 mg/mf)
Ethyl Alcohol 190 Proof (95%)		1%		OSHA TWA 1000 ppm (1900 mg/mf)
Ethylene Glycol Butyl	CAS# 111-76-2	15%	V/V	TXDS: orl-rat LD50 = 2220 mg/kg
Water, Deionized ASTM Type II	CAS# 7732- 18-5	Balance		None Established

3. Hazards Identification

Keep away from heat and ignition sources. May be harmful if swallowed. Avoid breathing vapor or dust. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

Inhalation: Inhalation of high concentrations may cause central nervous system effects characterized by nausea, headache, dizziness, unconsciousness and coma. Causes respiratory tract irritation.

Ingestion: No hazard expected in normal industrial use. May cause gastrointestinal irritation with nausea, vomiting and diarrhea.

Skin: Causes skin irritation. A single prolonged skin exposure is not likely to result in the material
being absorbed in harmful amounts. In a modified Draize-Shelanski repeatinsult patch test, sodium dioctyl sulfosuccinate showed little evidence of irritation and no evidence of illiciting an allergic response in human subjects.(Cytec)

Eye Contact:Causes eye irritation.

Chronic Exposure:Chronic exposure may cause effects similar to those of acute exposure.

4. First Aid Measures

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:	Give several glasses of water. Vomiting may occur, but it is not necessary to induce.

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

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

General Information:
Spills/Leaks: Use proper personal protective equipment as indicated in Section 8. Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Provide ventilation.

7. Handling and Storage

Store in a cool, dry, well-ventilated place away from incompatible materials. Wash thoroughly after handling.

8. Exposure controls and personal protection

Respiratory Protection	NIOSH/MSHA-approved respirator
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	Information not available
MELTING POINT	Information not available
VAPOR DENSITY	Information not available
EVAPORATION RATE	Information not available
Appearance /Odors	liquid colorless, available odorless
Flash Point	Information not available
Specific Gravity	Information not available
Percent Volatile by Evaporation Standard	Information not available
Auto Ignition Temp	Information not available
Lower Flamm. Limit in Air	Information not available
Upper Flamm. Limit in Air	Information not available
Solubility in Water	Soluble

10. Stability and reactivity

STABILITY	Stable
CONDITIONS TO AVOID	Avoid contact with heat, sparks, flames, or other sources of ignition
MATERIALS TO AVOID	None Known
HAZARDOUS DECOMPOSITION PRODUCTS	Strong oxides, strong acids, strong bases
HAZARDOUS POLYMERIZATION	Will Not Occur
Conditions to Avoid	None known

11. Toxicological information

Carcinogenic References: NTP Carcinogen - Known: Not listed., IARC Category – Not listed.

Aggravated by Exposure:This Material or its Emissions may Affect the Central Nervous System (CNS) and/or Aggravate Pre-Existing CNS Disorders. Prolonged Observations may be Indicated.

12. Ecological information

Environmental Fate: No information available.

13. Disposal considerations

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-Series:None listed.

RCRA U-Series: CAS# 67-64-1: waste number U002 (Ignitable waste).

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

US FEDERAL Clean Water Act:
TSCA CAS# 7732-18-5 is listed on the TSCA inventory.CAS# 111-76-2 is listed on the TSCA inventory. CAS# 577-11-7 is listed on the TSCA inventory. CAS# 64-17-5 is listed on the TSCA inventory.CAS# 104-76-7 is listed on the TSCA inventory.CAS# 67-64-1 is listed on the TSCA inventory.Health & Safety Reporting List
CAS# 111-76-2: Effective 4/13/89, Sunset 6/30/98 CAS# 104-76-7: Effective 6/1/87, Sunset 12/19/95 Chemical Test Rules
CAS# 67-64-1: Test for Health Effects Section 12b None of the chemicals are listed under TSCA Section 12b. TSCA Significant New Use Rule None of the chemicals in this material have a SNUR under TSCA. CERCLA Hazardous Substances and corresponding RQs
CAS# 67-64-1: 5000 lb final RQ; 2270 kg final RQ SARA Section 302 Extremely Hazardous Substances None of the chemicals in this product have a TPQ. SARA Codes
CAS # 111-76-2: immediate, delayed, fire.
CAS # 577-11-7: immediate.
CAS # 64-17-5: immediate, delayed, fire.
CAS # 104-76-7: immediate, fire.
CAS # 67-64-1: immediate, fire.

Section 313
This material contains Ethylene glycol monobutyl ether (listed as Glycol ethers), 15.00%, (CAS# 111-76-2) which is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 373. Clean Air Act: This material does not contain any hazardous air pollutants. This material does not contain any Class 1 Ozone depletors. This material does not contain any Class 2 Ozone depletors.

Clean Water Act:None of the chemicals in this product are listed as Hazardous Substances under the CWA.None of the chemicals in this product are listed as Priority Pollutants under the
CWA. None of the chemicals in this product are listed as Toxic Pollutants under the CWA.
OSHA: None of the chemicals in this product are considered highly hazardous by OSHA. STATE CAS# 7732-18-5 is not present on state lists from CA, PA, MN, MA, FL, or NJ. CAS# 111-76-2 can be found on the following state right to know lists: California, New Jersey, Pennsylvania, Minnesota, Massachusetts. CAS# 577-11-7 is not present on state lists from CA, PA, MN, MA, FL, or NJ.
CAS# 64-17-5 can be found on the following state right to know lists: California, New Jersey, Pennsylvania, Minnesota, Massachusetts. CAS# 104-76-7 can be found on the following state right to know lists:
Pennsylvania, Massachusetts.
CAS# 67-64-1 can be found on the following state right to know lists: California, New Jersey, Pennsylvania, Minnesota, Massachusetts. California Prop 65
WARNING: This product contains Ethyl alcohol, a chemical known to the state of California to cause developmental reproductive toxicity. California No Significant Risk Level:
None of the chemicals in this product are listed.
European/International Regulations
European Labeling in Accordance with EC Directives Hazard Symbols: Not available.
Risk Phrases: Not available. Safety Phrases:
WGK (Water Danger/Protection)
CAS# 7732-18-5: No information available.
CAS# 111-76-2: 1
CAS# 577-11-7: 2
CAS# 64-17-5: 0
CAS# 104-76-7: 2
CAS# 67-64-1: 0
Canada - DSL/NDSL
CAS# 7732-18-5 is listed on Canada's DSL List.
CAS# 111-76-2 is listed on Canada's DSL List.

CAS# 577-11-7 is listed on Canada's DSL List.
CAS# 64-17-5 is listed on Canada's DSL List.
CAS# 104-76-7 is listed on Canada's DSL List.
CAS# 67-64-1 is listed on Canada's DSL List.
Canada - WHMIS
This product has a WHMIS classification of D2B. This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations. Canadian Ingredient Disclosure List
CAS# 111-76-2 is listed on the Canadian Ingredient Disclosure List.
CAS# 577-11-7 is listed on the Canadian Ingredient Disclosure List.
CAS# 64-17-5 is listed on the Canadian Ingredient Disclosure List.
CAS# 104-76-7 is listed on the Canadian Ingredient Disclosure List.
CAS# 67-64-1 is listed on the Canadian Ingredient Disclosure List.

16. Other information

May cause central nervous system effects. Causes eye, skin, and respiratory tract irritation. Target organs: central nervous system, respiratory system, eyes, skin.

Flammability

Health

Reactivity

Revisions	NFPA
5/18/2010	0.1 updated msds to 16 section from 10 section msds. STN
	0

The information herein is believed to be accurate and is offered in good faith for the user's consideration and investigation. No warranty either expressed or implied is made for the completeness or accuracy of the information whether originating from the above mentioned company or not. Users of this material should satisfy themselves by independent investigation of current scientific and medical knowledge that the material