Material Safety Data Sheet

Ethyl Alcohol L.R.Grade (RXSOL-60-6284-500)

1. Product and Company Identifaction

Product Name	RXSOL-60-6284-500
Product Type	Ethyl Alcohol L.R.Grade

Company Details:

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

Stock Point ::: Mumbai. Kamdla. Chennai, Visakhapatnam, Kolkata, Fujairah

Phone	+91 22 27815540 / 41 / 42
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
Ethyl Alcohol (Ethanol,Absolute)	CAS# 64-17-5	90%	V/V	OSHA TWA 1000 ppm (1900 mg/mf)
Isopropyl Alcohol (2-propanol)	CAS# 67-63-0	5%	V/V	OSHA TWA 400 ppm, STEL 500
Methanol (Methyl	CAS# 67-56-1	5%	V/V	OSHA TWA 200 ppm, ACGIH STEL 250 ppm

3. Hazards Identification

Keep away from heat and ignition sources. Harmful if swallowed. Avoid breathing vapors. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container

4. First Aid Measures

Keep away from heat and ignition sources. Harmful if swallowed. Avoid breathing vapors. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

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, foam.
Fire / Explosion Hazards:	Above flashpoint, vapor-air mixtures are explosive within flammable limits. Vapors
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.

7. Handling and Storage

Store in a cool dry well ventalated area. Keep away from heat and flame. Do not get in eyes, on skin, or on clothing.

8. Exposure controls and personal protection

Respiratory Protection	Organic cartridge or self-contained
Ventilation	Local
OTHER	Mechanical
Protective Gloves	NIOSH Approved Gloves
EYE PROTECTION	Splash Goggles
Other Protective Equipment	Use safe laboratory handling procedures.

9. Physical and chemical properties

BOILING POINT	78°C (173.3°F)
VAPOR PRESSURE	50 mm Hg @25° C

MELTING POINT	-114°C (-173.3° F)
VAPOR DENSITY	1.6
EVAPORATION RATE	N/E
Appearance /Odors	Clear, colorless liquid w/ ethyl alcohol
Flash Point	13°C
Specific Gravity	0.784 @25°
Percent Volatile by Evaporation Standard	>99
Auto Ignition Temp	422°C
Lower Flamm. Limit in Air	3.3%
Upper Flamm. Limit in Air	19%
Solubility in Water	Soluble

10. Stability and reactivity

STABILITY	Stable
CONDITIONS TO AVOID	Avoid heat and ignition sources
MATERIALS TO AVOID	may flow along surfaces to distant ignition source and flash back. alkalie metals, metal hydrides
HAZARDOUS DECOMPOSITION PRODUCTS	Oxidizers, silver salts, halogen halides, odor Carbon oxides
HAZARDOUS POLYMERIZATION	Will Not Occur
Conditions to Avoid	None known

11. Toxicological information

Not Applicable

12. Ecological information

Not Applicable

13. Disposal considerations

Not Applicable

14. Transport information

DOT Classification: UN1987, Alcohols, n.o.s. (Ethanol, Methanol, Isopropanol), 3, PG II

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

15. Regulatory information

Not Applicable

16. Other information

Conditions aggravated/Target organs: Persons with preexisting skin, eye, respiratory, or kidney/liver disorders may be more susceptible. Toxic due to denaturants. Acute: irritation to skin, eyes, lungs, mucous membranes, and GI tract. Nausea, headache, narcosis, dizziness, and vision difficulties. Chronic: liver/kidney damage, blindness, pancreatitis, and nerve disorders.

	Flammability	
Health		Reactivity

Revisions	NFPA
	0.1

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