Material Safety Data Sheet

Vinegar Natural Acetic ACID (RXSOL-19-1385-005)

1. Product and Company Identifaction

Product Name	ACETIC ACID Vinegar
Product Part Number	RXSOL-19-1385-005

Company Details:

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

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

Phone	+91 22 27815540 / 41 / 42
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
Email	mail@rxmarine.com

2. Composition / informationon ingredients

Component	Cas Number	Percentage	
Acetic Acid	64-19-7	4 -5	V/V
Distilled Water	7732-18-5	95-96	V/V

3. Hazards Identification

Health Hazard	:	Not Hazardous
Eye Contact:	:	Direct contact may cause irritation. May cause redness, tearing, or blurred vision.
Skin Contact	:	Irritation not expected. Mild irritation may occur upon
Ingestion	:	NA
Inhalation	:	NA

4. First Aid Measures

Skin	:	In case of contact, immediately flush skin with water for at least 15 minutes while removing contaminated clothing and shoes.
Eyes	:	Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical advise if feel unwell
Inhalation	:	Not Available
Ingestion	:	Not Available

5. Fire-fighting Measures

Flash Point	Not Flammable
Extinguishing Media	Water Spray, Foam, CO2, Dry Chemicals
Special Firefighting Procedures	Water may be used to dilute spills and reduce flammability
Unusual Fire & Explosion Hazards	Toxic gasses and vapors may be released in a fire involving

6. Accidental Release Measures

Personal Precautions	Not applicable
Environmental Precautions	Not Hazardous Product
Spillage	Mop up or flush with water. For larger spills, dike up and absorb onto sand or absorbent material and dispose of properly.

7. Handling and Storage

Handling : Wear safety goggles. Used in a ventilated area.
Storage : Store in a cool, dry, well-ventilated place away from incompatible materials. Wash thoroughly after handling.

8. Exposure controls and personal protection

Engineering Control	Provide local exhaust. Ensure proximity of eye wash stations and safety showers
Personal Protection	Splash goggles. Synthetic apron. Vapor and dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.
Personal Protection in case of Large Spill	Splash goggles. Full suit. Vapor and dust respirator. Boots. Gloves. Clean with water
Work/Hygiene Practice	Normal work and hygiene practices for handling non hazardous liquid material.

9. Physical and chemical properties

Physical State	Liquid
Colour	Clear
Odour	Characteristic Odour, Vinegar
pH	2.5 – 3.5 neat
Vapor Pressure (mm Hg.):	11 mm
Vapor Density (AIR = 1)	2.1
Boiling Point	215 °C
Flash Point	Not Flamable
Specific Gravity	1.01- 1.04
Percent Volatile by	>99
Evaporation Standard	Water=1
Solubility in Water	Soluble

10. Stability and reactivity

Stability	Stable

Materials to Avoid	Strong oxidizing agents and strong caustics
Conditions to Avoid	Direct sunlight and excessive heat
Hazardous Decomposition or Byproducts	CO2, CO and smoke
Conditions to Avoid	None known

11. Toxicological information

Signs and Symptoms of Exposure	:	None
Toxicity Data	:	Non-toxic
Carcinogenicity	:	None
Reproductive Toxicity	:	None
Teratogenicity	:	None
Mutagenicity	:	None
Name of toxicologically synergistic products	:	NA

12. Ecological information

Fish toxicity	:	None available for specific product
Algae toxicity	:	None available for specific product
Invertebrates toxicity	:	None available for specific product
Toxicity to Bacteria	:	None available for specific product
OECD Biological degradation	:	Individual components have been specifically included i n this product because they are known to be readily biodegradable and of low toxicity to fish and other aquatic organisms. General Product miscible in all proportions with water. As with any chemical product, do not discharge BULK quantities into drains, waterways, sewer or environment. Inform local authorities if this occurs.

13. Disposal considerations

- Do not put into sewer lines. Dispose after neutralization with alkali and according to local, state and federal regulations.

14. Transport information

- Not classified as hazardous for transport of any mode.

15. Regulatory information

AICS Labeling Details AICS	:	All ingredients present on AICS
Hazard	:	None allocated
Risk Phrases	:	None allocated
Safety Phrases	:	None allocated
ADG Code	:	None allocated

16. Other information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Rx Marine International be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Rx Marine International has been advised of the possibility of such damages.