Material Safety Data Sheet

Poly Acrlic Acid (RXSOL-19-1108-025)

1. Product and Company Identifaction

Product Name	**RXSOL-19-**
Product Type	**POLY ACRLIC ACID**

Company Details:

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

Phone	+91 22 65113333 / 5555 / 9999 / 27611360
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Email	**mail@rxmarine.com , sales@tankcleaner.net/**
Website	**www.rxmarine.com/ , www.tankcleaner.net/**

2. Composition / informationon ingredients

Chemica Name	CAS #	Percent	EINECS/ELINCS
Water	7732-18-5	75	231-791-2
Acrylic resin	9003-01-4	25	unlisted
Sodium polyacrylate	9003-04-7	6	unlisted

3. Hazards Identification

Appearance	clear, colorless liquid.Caution! May cause eye, skin, and respiratory tract irritation. The toxicological properties of this material have not been fully investigated.
Target Organs	None known.

Potential Health Effects8m

Eye	May cause eye irritation.
Skin	May cause skin irritation. May be harmful if absorbed through the skin.
Ingestion	May cause irritation of the digestive tract. May be harmful if swallowed.
Inhalation	May cause respiratory tract irritation. May be harmful if inhaled.
Chronic	No information found.

4. First Aid Measures

Eyes	Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
Skin	Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists.
Ingestion	Do not induce vomiting. Get medical aid.
Inhalation	Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.
Notes to Physician	Treat symptomatically and supportively.

5. Fire-fighting Measures

General Information	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.
Extinguishing Media	Use water spray, dry chemical, carbon dioxide, or appropriate foam.
Flash Point	Not applicable.
Autoignition Temperature	Not applicable.
Explosion Limits, Lower	Not available.
Explosion Limits,Upper	Not available.
NFPA Rating	(estimated) Health: 1; Flammability: 1; Instability: 0

6. Accidental Release Measures

General Information	Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks	Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Provide ventilation. Do not let this chemical enter the environment.

7. Handling and Storage

Handling	Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Do not ingest or inhale.
Storage	Store in a cool, dry place. Store in a tightly closed container.

8. Exposure controls and personal protection

Engineering Controls	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

Exposure Limits

Chemical Name	ACGIH	NIOSH	OSHA - Final PELs
Water	none listed	none listed	none listed
Acrylic resin	none listed	none listed	none listed
Sodium polyacrylate	none listed	none listed	none listed

OSHA Vacated PELs	Water: No OSHA Vacated PELs are listed for this chemical. Acrylic resin: No OSHA Vacated PELs are listed for this chemical. Sodium polyacrylate: No OSHA Vacated PELs are listed for this chemical.

Personal Protective Equipment

Eyes	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166
Skin	Wear appropriate protective gloves to prevent skin exposure.
Clothing	Wear appropriate protective clothing to prevent skin exposure.
Respirators	A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

9. Physical and chemical properties

Physical State	Liquid
Appearance	clear, colorless
Odor	hazy odor

pH	2.2 - 3.0
Vapor Pressure	18 mm Hg @ 20 deg C
Vapor Density	Not available.
Evaporation Rate	Not available.
Viscosity	Not available.
Boiling Point	100 deg C @ 760 mmHg
Freezing/Melting Point	Not available.
Decomposition Temperature	Not available.
Solubility	Soluble.
Specific Gravity/Density	1.090
Molecular Formula	Not applicable.
Molecular Weight	Not available.

10. Stability and reactivity

Chemical Stability	Stable under normal temperatures and pressures.
Conditions to Avoid	Incompatible materials, excess heat.
Incompatibilities with Other Materials	Strong oxidizing agents, strong bases, aluminum, amines, ammonia, copper, iron, perchlorates, permanganates, zinc, hydrogen peroxide, caustics (e.g. ammonia, ammonium hydroxide, calcium hydroxide, potassium hydroxide, sodium hydroxide), carbon steel.
Hazardous Decomposition Products	Carbon monoxide, carbon monoxide, carbon dioxide.
Hazardous Polymerization	Will not occur.

11. Toxicological information

RTECS#:
CAS# 7732-18-5: ZC0110000
CAS# 9003-01-4: AT4680000
CAS# 9003-04-7: WD6826000
LD50/LC50:
CAS# 7732-18-5:
Oral, rat: LD50 = >90 mL/kg;
.CAS# 9003-01-4:
Oral, mouse: LD50 = 4600 mg/kg;
Oral, rat: LD50 = 2500 mg/kg;
.CAS# 9003-04-7:
Draize test, rabbit, eye: 2 mg Moderate;
Oral, rat: LD50 = >40 gm/kg;
.**Carcinogenicity:**
CAS# 7732-18-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65.
CAS# 9003-01-4: Not listed by ACGIH, IARC, NTP, or CA Prop 65.
CAS# 9003-04-7: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

Epidemiology: IARC Group 3: Limited or insufficient evidence for carcinogenicity in both animals and humans.
Teratogenicity: No information available.
Reproductive Effects: No information available.
Mutagenicity: No information available.
Neurotoxicity: No information available.

12. Ecological information

Ecotoxicity	Fish: Bluegill/Sunfish: LC50 = 580-2000 mg/L; 96 Hr; CAS# 9003-01-4 Unspecified Water flea Daphnia: EC50 = 168-280 mg/L; 96 Hr; CAS# 9003-01-4 Unspecified No data available.
Environmental	No information available.
Physical	No information available.
Other	Do not empty into drains.

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: None listed.

14. Transport information

Shipping Name	US DOT	CanadaTDG
Shipping Name	Not regulated	Not regulated
Hazard Class		
UN Number		
Packing Group		

15. Regulatory information

US FEDERAL

TSCA
CAS# 7732-18-5 is listed on the TSCA inventory.
CAS# 9003-01-4 is listed on the TSCA inventory.
CAS# 9003-04-7 is listed on the TSCA inventory.
Health & Safety Reporting List
None of the chemicals are on the Health & Safety Reporting List.
Chemical Test Rules
None of the chemicals in this product are under a Chemical Test Rule.
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
None of the chemicals in this material have an RQ.
SARA Section 302 Extremely Hazardous Substances
None of the chemicals in this product have a TPQ.
Section 313 No chemicals are reportable under Section 313.
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.

European/International Regulations
European Labeling in Accordance with EC Directives
Hazard Symbols:
Not available.
Risk Phrases:

Safety Phrases:
S 24/25 Avoid contact with skin and eyes.

WGK (Water Danger/Protection)
CAS# 7732-18-5: No information available.
CAS# 9003-01-4: 1
CAS# 9003-04-7: 2

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

16. Other information

MSDS Creation Date: 4/26/1999
Revision #6 Date: 31/12/2008
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