

## 1. Product and Company Identification

www.rxmarine.com

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

### Company Details:

RX MARINE INTERNATIONAL  
105, A wing , BSEL , TECH PARK.  
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Website [www.rxmarine.com/](http://www.rxmarine.com/) , [www.tankcleaner.net/](http://www.tankcleaner.net/)

## 2. Composition / Information on ingredients

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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

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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

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Eyes	Immediately flush eyes with plenty of water for at least 15 minutes, holding open the upper and lower eyelids. Get medical aid.
Skin	Immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical aid if irritation develops.
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 other symptoms appear.
Notes to Physician	Treat symptomatically and supportively.

## 5. Fire-fighting Measures

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General Information	As in any fire, wear a self-contained breathing apparatus in pressure-c
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Extinguishing Media  
Flash Point  
Autoignition Temperature  
Explosion Limits, Lower  
Explosion Limits, Upper  
NFPA Rating

MSHA/NIOSH (approved or equivalent), and full protective gear.  
Use water spray, dry chemical, carbon dioxide, or appropriate foam.  
Not applicable.  
Not applicable.  
Not available.  
Not available.  
(estimated) Health: 1; Flammability: 1; Instability: 0

## 6. Accidental Release Measures

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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  
container. Provide ventilation. Do not let this chemical enter the environ

## 7. Handling and Storage

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Handling  
Storage

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

## 8. Exposure controls and personal protection

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### Engineering Controls

Facilities storing or utilizing this material should be equipped with an eyewash station  
and a safety shower. Use adequate ventilation to keep airborne concentration

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

### Personal Protective Equipment

Eyes

Wear appropriate protective eyeglasses or chemical safety goggles as required 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 NIOSH  
Z88.2 requirements or European Standard EN 149 must be followed for all  
workplace conditions warranting respirator use.

## 9. Physical and chemical properties

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Physical State  
Appearance  
Odor  
pH  
Vapor Pressure

Liquid  
clear, colorless  
hazy odor  
2.2 - 3.0  
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

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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, ammonium perchlorates, permanganates, zinc, hydrogen peroxide, caustics, ammonium hydroxide, calcium hydroxide, potassium hydroxide, and carbon steel.
Hazardous Decomposition Products	Carbon monoxide, carbon monoxide, carbon dioxide.
Hazardous Polymerization	Will not occur.

## 11. Toxicological information

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### 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

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Ecotoxicity	Fish: Bluegill/Sunfish: LC50 = 580-2000 mg/L; 96 Hr; CAS# 9003-01-4; Water flea Daphnia: EC50 = 168-280 mg/L; 96 Hr; CAS# 9003-01-4; data available.
Environmental	No information available.
Physical	No information available.

### 13. Disposal considerations

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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

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<b>Shipping Name</b>	US DOT	CanadaTDG
<b>Shipping Name</b>	Not regulated	Not regulated
<b>Hazard Class</b>		
<b>UN Number</b>		
<b>Packing Group</b>		

### 15. Regulatory information

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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 depleters.

This material does not contain any Class 2 Ozone depleters.

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

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

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MSDS Creation Date: 4/26/1999

Revision #6 Date: 31/12/2008

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