

## 1. Product and Company Identification

www.rxmarine.com

Product Name Polyelectrolyte  
Part Number RXSOL-43-4405-005

Company Details:....

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

Branch : Kandla, Mumbai , Chennai, Vizag, Kolkata, UAE , OMAN , CANADA and KENYA

Phone +91 22 20871200 - 1400  
Fax +91 22 27612100 ::AOH :0091 9821214367  
Email [mail@rxmarine.com](mailto:mail@rxmarine.com)  
Website [www.rxmarine.com](http://www.rxmarine.com)

## 2. Composition / Information on ingredients

www.rxmarine.com

### Substances

Formula  $(C_3H_5NO)_n$   
Molecular weight 71.07 g/mol  
CAS-No 9003-05-8  
Product code **001097**

No components need to be disclosed according to the applicable regulations

### 3. Hazards Identification

www.rxmarine.com

**Classification of the substance or mixture** Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

**Label elements** Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

**Other hazards** This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## 4. First Aid Measures

www.rxmarine.com

### Description of first aid measures

**If inhaled** If breathed in, move person into fresh air. If not breathing, give artificial respiration.

**In case of skin contact** Wash off with soap and plenty of water

**In case of eye contact** Flush eyes with water as a precaution

**If swallowed** Never give anything by mouth to an unconscious person. Rinse mouth with water.

**Most important symptoms and effects, both acute and delayed** The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

**Indication of any immediate medical attention and special treatment needed** No data available

### Extinguishing media

#### **Suitable extinguishing media**

#### **Special hazards arising from the substance or mixture**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Highly flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard.

In a fire or if heated, a pressure increase will occur and the container may burst, with the

risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along

the ground. Vapors may accumulate in low or confined areas or travel a considerable

distance to a source of ignition and flash back.

Highly flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard.

In a fire or if heated, a pressure increase will occur and the container may burst, with the

risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along

the ground. Vapors may accumulate in low or confined areas or travel a considerable

distance to a source of ignition and flash back.

Highly flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard.

In a fire or if heated, a pressure increase will occur and the container may burst, with the

risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along

the ground. Vapors may accumulate in low or confined areas or travel a considerable

distance to a source of ignition and flash back.

Carbon oxides, Nitrogen oxides (NOx)

#### **Advice for firefighters**

#### **Further information**

Wear self-contained breathing apparatus for firefighting if necessary

No data available

spray to keep fire-exposed containers cool. Promptly isolate the scene by removing all persons from the vicinity of the incident if

there is a fire. No action shall be taken involving any personal risk or without suitable

training. Move containers from fire area if this can be done without risk. Use water

spray to keep fire-exposed containers cool.

## 6. Accidental Release Measures

[www.rxmarine.com](http://www.rxmarine.com)

**Personal precautions, protective equipment and emergency procedures**

Avoid dust formation. Avoid breathing vapours, mist or gas.  
For personal protection see section 8.

**Environmental precautions**

Do not let product enter drains

**Methods and materials for containment and cleaning up**

Sweep up and shovel. Keep in suitable, closed containers for disposal

**Reference to other sections**

For disposal see section 13.

## 7. Handling and Storage

[www.rxmarine.com](http://www.rxmarine.com)

**Precautions for safe handling**

Provide appropriate exhaust ventilation at places where dust is formed.  
For precautions see section 2.2.

**Conditions for safe storage, including any incompatibilities**

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

**Specific end use(s)**

Moisture sensitive. Handle and store under inert gas. Storage class (TRGS 510): Combustible

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

## 8. Exposure controls and personal protection

[www.rxmarine.com](http://www.rxmarine.com)

**Control parameters**

**Exposure controls**

**Appropriate engineering controls**

General industrial hygiene practice

**Personal protective equipment**

**Eye/face protection**

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

**Body Protection**

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection**

Respiratory protection is not required. Where protection from nuisance level (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Control of environmental exposure**

Do not let product enter drains.

## 9. Physical and chemical properties

[www.rxmarine.com](http://www.rxmarine.com)

**Information on basic physical and chemical properties**

**Appearance**

Form: solid

<b>Odor</b>	No data available
<b>Odor Threshold</b>	No data available
<b>pH</b>	No data available
<b>Melting point/freezing point</b>	Melting point/range: > 200 °C
<b>Initial boiling point and boiling range</b>	No data available
<b>Flash point</b>	No data available
<b>Evaporation rate</b>	No data available
<b>Flammability (solid, gas)</b>	May form combustible dust concentrations in air  <b>materials. Extremely flammable in the presence of the following materials or conditions: oxidizing</b>
<b>Upper/lower flammability or explosive limits</b>	<b>materials.</b> No data available
<b>Vapor pressure</b>	No data available
<b>Vapor density</b>	No data available
<b>Relative density</b>	0.750
<b>Water solubility</b>	No data available
<b>Partition coefficient: n- octanol/water</b>	No data available
<b>Auto-ignition temperature</b>	No data available
<b>Decomposition temperature</b>	No data available
<b>Viscosity</b>	No data available
<b>Explosive properties</b>	No data available
<b>Oxidizing properties</b>	No data available
<b>Other safety information</b>	No data available

## 10. Stability and reactivity

[www.rxmarine.com](http://www.rxmarine.com)

<b>Reactivity</b>	No data available
<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Possibility of hazardous reactions</b>	No data available
<b>Conditions to avoid</b>	No data available
<b>Incompatible materials</b>	Strong oxidizing agents
<b>Hazardous decomposition products</b>	Hazardous decomposition products formed under fire conditions. - Carbon oxides, Nitrogen oxides (NOx)  Other decomposition products - No data available  In the event of fire: see section 5

## 11. Toxicological information

[www.rxmarine.com](http://www.rxmarine.com)

### Information on toxicological effects

<b>Acute toxicity</b>	LD50 Oral - Rat - > 1,000 mg/kg(2-Propenamide, homopolymer)
<b>Skin corrosion/irritation</b>	No data available(2-Propenamide, homopolymer)
<b>Serious eye damage/eye irritation</b>	No data available(2-Propenamide, homopolymer)
<b>Respiratory or skin sensitisation</b>	No data available(2-Propenamide, homopolymer)
<b>Germ cell mutagenicity</b>	No data available(2-Propenamide, homopolymer)
<b>Carcinogenicity</b>	IARC: No component of this product present at levels greater than or equal to 0.1% is identified as  probable, possible or confirmed human carcinogen by IARC.

<b>Reproductive toxicity</b>	No data available(2-Propenamide, homopolymer)
<b>Specific target organ toxicity - single exposure</b>	No data available(2-Propenamide, homopolymer)
<b>Specific target organ toxicity - repeated exposure</b>	No data available.
<b>Aspiration hazard</b>	No data available(2-Propenamide, homopolymer)
<b>Additional Information</b>	RTECS: Not available

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.(2-Propenamide, homopolymer).

## 12. Ecological information

[www.rxmarine.com](http://www.rxmarine.com)

<b>Toxicity</b>	No data available
<b>Persistence and degradability</b>	No data available
<b>Bioaccumulative potential</b>	No data available
<b>Mobility in soil</b>	No data available(2-Propenamide, homopolymer)
<b>Results of PBT and vPvB assessment</b>	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
<b>Other adverse effects</b>	No data available

## 13. Disposal considerations

[www.rxmarine.com](http://www.rxmarine.com)

### Waste treatment methods

<b>Product</b>	Offer surplus and non-recyclable solutions to a licensed disposal company.
<b>Contaminated packaging</b>	Dispose of as unused product.

## 14. Transport information

[www.rxmarine.com](http://www.rxmarine.com)

<b>UN number</b>	ADR/RID IMDG IATA
<b>UN proper shipping name</b>	ADR/RID: Not dangerous goods  IMDG: Not dangerous goods IATA: Not dangerous goods
<b>Transport hazard class(es)</b>	ADR/RID: IMDG: IATA:
<b>Packaging group</b>	ADR/RID: IMDG: IATA:
<b>Environmental hazards</b>	ADR/RID: no IMDG Marine pollutant: no IATA: no
<b>Special precautions for user</b>	No data available

## 15. Regulatory information

[www.rxmarine.com](http://www.rxmarine.com)

<b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.
<b>Chemical Safety Assessment</b>	For this product a chemical safety assessment was not carried out

## 16. Other information

[www.rxmarine.com](http://www.rxmarine.com)

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 we 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.

**DISCLAIMER OF LIABILITY :**The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.