

Product Name	Partial Hydrolyzed Polyacrylamide
Part Number	RXSOL-40-1534-023

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)

## Substances

Synonyms PAM Formula  $(C_3H_5NO)_n$  CAS-No. 9003-05-8

No components need to be disclosed according to the applicable regulations.

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. 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.

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

Suitable extinguishing media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Special hazards arising from the substance or mixture Carbon oxides Nitrogen oxides (NOx) Advice for firefighters Wear self-contained

breathing apparatus for firefighting if necessary. Further information No data available

Personal precautions, protective equipment and emergency procedures Avoid dust formation. Avoid breathing vapors, mist or gas.  
For personal protection see section 8. Environmental precautions No special environmental precautions required.  
Methods and material 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.

Precautions for safe handling

Advice on protection against fire and explosion Provide appropriate exhaust ventilation at places where dust is formed. Hygiene  
measures General industrial hygiene practice. For precautions see section 2.2. Conditions for safe storage, including any  
incompatibilities Storage conditions Store in cool place. Keep container tightly closed in a dry and well-ventilated place.  
Hygroscopic. Storage class Storage class (TRGS 510): 13: Non Combustible Solids Specific end use(s) Apart from  
the uses mentioned in section 1.2 no other specific uses are stipulated

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 This recommendation applies only to the product stated in the safety data sheet, supplied  
by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN  
16523-1 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: www.kcl.de). Full  
contact Material: butyl-rubber Minimum layer thickness: 0,7 mm Break through time: 480 min Material tested:Butoject® (KCL  
898) This recommendation applies only to the product stated in the safety data sheet, supplied by us and for the designated use. When  
dissolving in or mixing with other substances and under conditions deviating from those stated in EN 16523-1 please contact the supplier  
of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: www.kcl.de). Splash contact Material: Viton®  
Minimum layer thickness: 0,7 mm Break through time: 60 min Material tested: Vitoject® (KCL 890 / Aldrich Z677698, Size M)  
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 levels of dusts are desired, use  
type N95 (US) or type P1 (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 No special environmental precautions required.

Physical state Solid Color No data available Odor No data available Melting point/freezing point  
Melting point/range: 246 - 250 °C Initial boiling point and boiling range No data available Flammability (solid, gas) May  
form combustible dust concentrations in air Upper/lower flammability or explosive limits No data available Flash point Not  
applicable Autoignition temperature No data available Decomposition temperature No data available pH No  
data available Viscosity No data available Water solubility No data available Partition coefficient: n-octanol/water  
No data available Vapor pressure No data available Density 0,750 g/cm3 Relative density No data  
available Relative vapor density No data available Particle characteristics No data available Explosive properties  
No data available Oxidizing properties No data available Other safety information No data available

Reactivity	No data available	Chemical stability	Stable under recommended storage conditions.	
Possibility of hazardous reactions	No data available	Conditions to avoid	No data available	Incompatible materials
Strong oxidizing agents	Hazardous decomposition products		In the event of fire: see section 5	

Acute toxicity	LD50 Oral - Rat - > 1.000 mg/kg	Inhalation: No data available	Dermal: No data available	Skin
corrosion/irritation	No data available	Serious eye damage/eye irritation	No data available	Respiratory or skin sensitization
No data available	Germ cell mutagenicity	No data available	Carcinogenicity	No data available
Reproductive toxicity	No data available	Specific target organ toxicity - single exposure	No data available	Specific target organ toxicity - repeated exposure
No data available	No data available	Aspiration hazard	No data available	Additional Information
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.				

Toxicity	No data available	Persistence and degradability	No data available	Bioaccumulative potential	No
data available	Mobility in soil	No data available	Results of PBT and vPvB assessment	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.	
	Endocrine disrupting properties	No data available	Other adverse effects	No data available	

Waste Disposal Methods	Product	Offer surplus and non-recyclable solutions to a licensed disposal company.
Contaminated packaging	Dispose of as unused product.	

UN number	ADR/RID:	IMDG:	IATA:	UN proper shipping name	ADR/RID: Not dangerous goods	
IMDG: Not dangerous goods	IATA: Not dangerous goods		Transport hazard class(es)		ADR/RID:	IMDG:
IATA:	Packaging group	ADR/RID:	IMDG:	IATA:	Environmental hazards	ADR/RID: yes
IMDG Marine pollutant: yes	IATA: no	Special precautions for user		Further information	Not classified as	
dangerous in the meaning of transport regulations.						

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

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