RXSOL

VARANASI CHEMICAL | RX MARINE INTERNATIONAL

Material Safety Data Sheet (MSDS)

RXSOL-60-6022-001
Amino Ethoxy Vinyl Glycine

1. Product and Company Identifaction

Product Name	Amino ethoxy vinyl glycine
Part Number	RXSOL-60-6022-001

Company Details:

RX MARINE INTERNATIONAL
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2. Composition / informationon ingredients

Chemical Name	CAS No	EC number	Weight	Formula
Amino ethoxy vinyl glycine	55720-26-8	620-948-4	196.6 g/mol	C6H12N2O3 • HCl

3. Hazards Identification

Signal Word	Danger.
Hazard Statements	H302 Harmful if swallowed. H315 Causes skin irritation. H318 Causes serious eye damage. H335 May cause respiratory irritation.
Precautionary statements response	P261 Avoid breathing dust/fume/gas/mist/vapors/spray P264 Wash thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P271 Use only outdoors or in a well-ventilated area. P280 Wear eye protection / face protection. P301+P312 If swallowed: Call a poison center/doctor if you feel unwell. P302+P352 If on skin: Wash with plenty of water. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a poison center/doctor. P321 Specific treatment (see on this label). P330 Rinse mouth. P362+P364 Take off contaminated clothing and wash it before reuse. P332+P313 If skin irritation occurs: Get medical advice/attention. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

4. First Aid Measures

General advice	Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
If inhaled	In case of unconsciousness place patient stably in side position for transportation.
Eye Contact	Rinse opened eye for several minutes under running water. Then consult a doctor.
Swallowed	Immediately call a doctor.
Skin Contact	Immediately wash with water and soap and rinse thoroughly.
Most important symptoms and effects, both acute and delayed	No further relevant information available.
Indication of any immediate medical attention and special treatment needed	No further relevant information available.

5. Fire-fighting Measures

Suitable extinguishing media	Use fire fighting measures that suit the environment. A solid water stream may be inefficient.
Unsuitable extinguishing media	No data available.
Special hazards arising from the substance or mixture	No further relevant information available
Hazardous combustion products	No data available.
Advice for firefighters	No special measures required.
Specific Hazards Arising from the Chemical	No data available.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	Wear protective equipment. Keep unprotected persons away.
Enviromental Precaution	Do not allow to enter sewers/ surface or ground water
Methods and materials for containment and cleaning	Use neutralizing agent. Dispose contaminated material as waste according to section 13. Ensure adequate ventilation.

7. Handling and Storage

Advice on safe handling	Thorough dedusting.
Advice on protection against fire and explosion	No special measures required.
Precautions for safe handling	For precautions see section 2.2.
Conditions for safe storage, including any incompatibilities	Keep container tightly closed. Store in accordance with information listed on the product insert
Storage conditions	Store in accordance with information listed on the product insert

Specific end use(s)	No further relevant information available.

8. Exposure controls and personal protection

Personal protective equipment General protective and hygienic measures	Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the skin. Avoid contact with the eyes and skin.
Eye/face protection	Tightly sealed goggles
Body Protection	The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Skin protection	The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
Respiratory protection	Where risk assessment shows air purifying respirators are appropriate use a full face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

9. Physical and chemical properties

Physical state	Solid
Colour	Not determined
Odour	Characteristic
Odor Threshold	Not Applicable
pH	No data available
Melting Point	No Data Available
Boiling Point	No Data Available
Flash Point	No Data Available
Evaporation Rate	Not Applicable
Flammability (solid, gas)	Product is not flammable.
Explosive limits	No Data Available
Upper/lower flammability or explosive limits	No data available
Autoignition temperature	No Data Available
Decomposition temperature	No data available
Vapour pressure	No data available
Density	No Data Available
Vapour Density	No Data Available
Freezing point	No data available
Specific Gravity	No data available

Partition coefficient	No data available
Explosive properties	No data available
Solubility	10 mg/ml
Relative density	No Data Available
Ignition temperature	No information available.
Particle characteristics	No data available
Viscosity	No data available

10. Stability and reactivity

Reactivity	No data available
Stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	No dangerous reactions known
Conditions to avoid	No decomposition if used according to specifications
Incompatible materials	strong oxidizing agents
Hazardous decomposition products	carbon oxides, nitrogen oxides

11. Toxicological information

Acute toxicity	Oral LD50 500 mg/kg (mouse) 5,000 mg/kg (rat)
Skin corrosion/irritation	Irritant to skin and mucous membranes
Respiratory or skin sensitization	No sensitizing effects known.
Serious eye damage/eye irritation	Strong irritant with the danger of severe eye injury.
Germ cell mutagenicity	No data available
Specific target organ toxicity - single exposure	The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with respiratory tract irritation.
Specific Target Organ Toxicity – Repeated Exposure	No data available
Aspiration Hazard	May be fatal if swallowed and enters the airways.

12. Ecological information

Persistence and degradability	No further relevant information available
Bioaccumulative potential	No further relevant information available
Toxicity	No further relevant information available
Mobility	No further relevant information available
Results of PBT and vPvB assessment	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.
Other adverse effects	No further relevant information available.

13. Disposal considerations

Waste treatment methods	Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
Contaminated packaging	Disposal must be made according to official regulations.

14. Transport information

UN number	not regulated
UN proper shipping name	not regulated
Transport hazard class(es)	not regulated
Packaging group	not regulated
Environmental hazards	not regulated
Special precautions for user	not regulated
Further information	not regulated

15. Regulatory information

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

16. Other information

O t h e r Information	The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchant ability 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 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, how so ever arising, even if Rx Marine International has been advised of the possibility of such damages.

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