Material Safety Data Sheet

Super Plasticizer Admixture for Concrete (RXSOL-67-6704-210)

1. Product and Company Identifaction

Porduct Name	Super Plasticizer Admixture for Concrete
Part Number	RXSOL-67-6704-210

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

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2. Composition / informationon ingredients

Product name	Cas No	EC No	Weight
TRIETHANOLAMINE (TEA)	102-71-6	203-049-8	1-5%
FORMALDEHYDE	50-00-0	200-001-8	0.5-1%
Proprietroy Blend Mixture with 2-Acrylamido-2-methylpropane sulfonic acid	---	---	75-81

3. Hazards Identification

Signal Word	Danger
Hazard Statements	H315 Causes skin irritation. H350 May cause cancer
Precautionary statements	P264 Wash contaminated skin thoroughly after handling. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P302+P352 IF ON SKIN: Wash with plenty of water. P332+P313 If skin irritation occurs: Get medical advice/ attention. P362+P364 Take off contaminated clothing and wash it before reuse. P501 Dispose of contents/ container in accordance with national regulations
Classification of the substance or mixture	No data available
Supplemental Hazard Statements	No data available
Other hazards	This product does not contain any substances classified as PBT or vPvB.

4. First Aid Measures

General advice	Consult a physician for specific advice.
If inhaled	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
Eye Contact	Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing.
Swallowed	Rinse mouth thoroughly with water. Do not induce vomiting.
Skin Contact	Rinse immediately with plenty of water. Get medical attention if symptoms are severe or persist after washing.
Inhalation	No data available
Ingestion	No data available

Most important symptoms and effects, both acute and delaye	The severity of the symptoms described will vary dependent on the concentration and the length of exposure. Inhalation May cause coughing and difficulties in breathing. Ingestion May cause discomfort. May cause stomach pain or vomiting. Skin contact Prolonged and frequent contact may cause redness and irritation. Eye contact Prolonged contact may cause redness and/or tearing.
Indication of any immediate medical attention and special treatment needed	Treat symptomatically

5. Fire-fighting Measures

Flammability	No data available
Suitable extinguishing media	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.
Unsuitable extinguishing media	For this substance/mixture no limitations of extinguishing agents are given.
Special hazards arising from the substance or mixture	No data available
Further information	Contaminated extinguishing water must be disposed of in accordance with official regulations.
Hazardous combustion products	Does not decompose when used and stored as recommended.
Advice for firefighters	No data available
Protective Equipment	Use protective equipment appropriate for surrounding materials.
Specific Hazards Arising from the Chemical	No data available

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	Avoid contact with skin and eyes. Wear eye and face protection.
Spillage	No data available
Personal Protection	No data available
Enviromental Precaution	Avoid the spillage or runoff entering drains, sewers or watercourses.
Methods and materials for containment and cleaning	Absorb in vermiculite, dry sand or earth and place into containers. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Collect and dispose of spillage as indicated in Section 13.
Reference to other sections	For personal protection, see Section 8. For waste disposal, see Section 13.

7. Handling and Storage

Advice on protection against fire and explosion	No data available
Incompatible materials	No data available
Hygiene measures	When using do not eat, drink or smoke. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking. Remove contaminated clothing immediately.
Advice on safe handling	Avoid contact with skin, eyes and clothing. Wear protective clothing, gloves, eye and face protection. Wash contaminated skin thoroughly after handling.
Conditions for safe storage including any incompatibilities	No data available
Storage conditions	Store in tightly-closed, original container in a dry, cool and well-ventilated place.
Storage class	Chemical storage
Specific end use(s)	The identified uses for this product are detailed in Section 1.2.
Advice on general occupational hygiene	No data available

8. Exposure controls and personal protection

Exposure controls	Personal protective equipment
Engineering Control	Ensure that eyewash stations and safety showers are close to the workstation location
Eye/face protection	Tight-fitting safety glasses.
Body Protection	Nitrile gloves are recommended
Skin protection	Wear appropriate clothing to prevent any possibility of skin contact.
Respiratory protection	No special protection required.
Other Protection Measure	No data available

9. Physical and chemical properties

Physical state	Liquid
Colour	Pale yellow
Odour	No data available
Odor Threshold	No data available
pH	6.8~7
Melting Point	No data available
Boiling Point	>100 ? C
Flash Point	No data available
Evaporation Rate	No data available
Flammability (solid, gas)	No data available
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
Viscosity	300 ~ 600 cps (at 25 ?)
Density	No data Available
Relative Density	1.07
Specific Gravity	No data available
Partition coefficient	No data available
Explosive properties	No data available
Solubility	Soluble in water
Ignition temperature	No data available
Particle characteristics	No data available

10. Stability and reactivity

Reactivity	There are no known reactivity hazards associated with this product.
Chemical stability	Stable at normal ambient temperatures.
Possibilityof hazardous reactions	Under normal conditions of storage and use, no hazardous reactions will occur
Conditions to avoid	There are no known conditions that are likely to result in a hazardous situation
Incompatible materials	No data available
Hazardous decomposition products	No data available

11. Toxicological information

Acute toxicity	Acute toxicity - oral ATE oral (mg/kg) 20,000.0 Acute toxicity - dermal ATE dermal (mg/kg) 162,162.16 Acute toxicity - inhalation ATE inhalation (gases ppm) 378,378
Skin corrosion/irritation	Prolonged and frequent contact may cause redness and irritation.
Serious eye damage/irritation	PProlonged contact may cause redness and/or tearing.
Respiratory or skin sensitization	May cause coughing and difficulties in breathing.May cause discomfort if swallowed

Carcinogenicity	No data available
Germ cell mutagenicity	Assessment of mutagenicity: Based on the ingredients, there is no suspicion of a mutagenic effect
Reproductive toxicity	No data available
Specific target organ toxicity - single exposure	No data available
Additional Information	No data available

12. Ecological information

Persistence and degradability	Expected to be not readily biodegradable.
Toxicity to fish	LC??, 96 hours: 41 mg/l, Brachydanio rerio (Zebra Fish)
Toxicity to daphnia and other aquatic invertebrates	EC??, 24 hours: 42 mg/l, Daphnia magna
Toxicity	No data available
Toxicity to bacteria	No data availalble
Toxicity to algae	EC??, 72 hours: 3,48 - 4,89 mg/l, Algae
Bioaccumulation potential	No data availalble
Results of PBT and vPvB assessment	No data availalble
Endocrine disrupting properties	No data availalble
Other adverse effects	No data availalble

13. Disposal considerations

General information	The generation of waste should be minimised or avoided wherever possible.
Disposal methods	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
Waste treatment Method	No data available

14. Transport information

UN number	ADR/RID:	IMDG:	IATA:
UN proper shipping name	ADR/RID:Not dengerous goods	IMDG:Not dengerous goods	IATA:Not dengerous goods
Transport hazard class(es)	ADR/RID:	IMDG:	IATA:
Packaging group	ADR/RID:-	IMDG:-	IATA:-
Environmental hazards	ADR/RID:No	IMDG:No	IATA:No
Special precautions for user	No data available		
Further information	No data available		

15. Regulatory information

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.
Other regulations	No data available
Chemical Safety Assessment	A Chemical Safety Assessment was not carried out for this substance.

16. Other information

Other Information	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 weassume 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, howsoever arising, even if RX Marine International has been advised of the possibility of such damages.