Material Safety Data Sheet

SwellPolymer LCM (RXSOL-81-4160-025)

1. Product and Company Identifaction

Product Name	SwellPolymer LCM
Part Number	RXSOL-81-4160-025

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

Branch : Kandla, Hazira Surat, Mumbai, Chennai,Vizag, Kolkata, UAE, Oman, Nairobi KENYA

Phone	+91 22 2087 1200 - 1400
Fax	+91 22 27612100 :::AOH :0091 9821214367
Email	123@rxmarine.com
Website	www.rxmarine.com

2. Composition / informationon ingredients

Proprietory blend of non-hazardous polyelectrolytes.

3. Hazards Identification

Signal Word	Not Applicable . Not Classified
Hazard Statements	This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)
Hazards not classified (HNOC)	Not Applicable
Other hazards	Not available

4. First Aid Measures

Eye Contact	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention.
Skin Contact	In case of contact, immediately flushes skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Cover the irritated skin with an emollient. Cold water may be used.Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.
Inhalation:	Move to fresh air. If breathing is difficult, give oxygen. Get medical attention immediately if symptoms occur.
Ingestion:	Do not induce vomiting. Obtain medical attention.If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain an open airway and prevent aspiration.
Notes to Physician	Treat symptomatically

5. Fire-fighting Measures

Flammability	Not Flammable
Flash Point	Not Applicable

Suitable extinguishing media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Hazardous combustion products	No data available
Protective Equipment	Use personal protective equipment.
Specific Hazards Arising from the Chemical	No Information Available

6. Accidental Release Measures

Spillage	Stop leak if you can do it without risk. Cover with plastic sheet to prevent spreading.Sweep up and shovel into suitable containers for disposal. Clean contaminatedsurface thoroughly.
Personal Protection	Ensure adequate ventilation. Use personal protective equipment. Avoid contact withskin, eyes and clothing. Avoid dust formation. Remove all sources of ignition.
Enviromental Precaution	Prevent further leakage or spillage. Prevent product fromentering drains.
Methods for containment and cleaning	Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions. Take up dry. Dispose of properly. Clean up the affected area. Avoid generation of dust

7. Handling and Storage

Handling	Provide sufficient air exchange and/or exhaust in work rooms. Avoid dust formation. All equipment usedwhenhandling the product must be grounded. Keep away from incompatible materials.Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Keep away fromheat andsources of ignition. Do not ingest. Do not breathe dust. Handle in accordance with good industrial hygieneandsafety practice.
Storage	Keep container tightly closed in a dry and well-ventilated place. Store at room temperature in the original container

8. Exposure controls and personal protection

Engineering Control	Ensure adequate ventilation. Use process enclosures, local exhaust ventilation, or other engineeringcontrolstokeep airborne levels below recommended exposurelimits.If user operations generate dust, fume or mist, useventilation to keep exposure to airborne contaminantsbelow the exposure limit.
Personal Protection	Eye protection: Safety glasses with side-shields or Goggles Skin and body protection: Long sleeved clothing. Chemical resistant apron. Gloves. Respiratory protection: Effective dust mask. Hygiene measures: Avoid contact with skin, eyes and clothing. Wash hands before breaksandimmediately after handling the product. When using, do not eat, drink or smoke.
Exposure Limit	United State

Components	CAS-No.	OSHA	NIOSH	ACGIH	AIHA WHEEL
Anionic Polymer	9003-05-8	None	None	None	None

Canada

Components	CAS-No.	Canada -Alberta	Canada British	Canada Ontario	Canada Quebec
Anionic Polymer	9003-05-8	None	None	None	None

9. Physical and chemical properties

Form	Solid
Colour	White
Odour	None
Odor Threshold	Not Applicable
pH	6-8
Melting Point	Not Applicable

Flash Point	>100°C
Autoignition temperature	>200°C
Vapour pressure (mm Hg)	0.13 @ 20°C
Flammability (solid, gas)	No Data Available
Explosive limits	No Data Available
Vapour pressure	No Data Available
Vapour Density	No Data Available
Bulk Density	No Data Available
Partition coefficient	No data available
Explosive properties	None
Solubility	Soluble in water

10. Stability and reactivity

Stability	Product is stable, no hazardous polymerization occur.
Materials to avoid	Oxidizing agents may cause exothermic reactions.
Hazardous decomposition products	No decomposition if stored and applied as direct. Burning of the dried material can produce: hydrogen chloride gas, chloride gas, nitrogen oxides (Nox) & carbon oxides

11. Toxicological information

Rout Of Entry	Inhalation. Ingestion.
Acute Toxicity Oral	LD50/oral/rat>5000 mg/kg
Acute Toxicity Dermal	The product is not considered toxic based on studies on laboratory animals.
Inhalation	The product is not expected to be toxic by inhalation
Skin	May cause skin irritation with susceptible persons
Eye	Testing conducted on rabbits showed minor transient irritation which cleared within days
Sensitization	The product is not expected to be sensitizing

12. Ecological information

Eco Toxicity	The aquatic toxicity is high mitigated by the presence of dissolved organic carbon in the water. Results obtained using the US EPA " Dirty Water " test show that irreversible adsorption onto suspended matter and dissolved organics (such as humic and other organic acids) present in natural waters, reduces the toxicity to aquatic organisms by a factor of over 10.
Environmental fate	The product is rapidly eliminated from the aquatic medium through irreversible adsorption onto suspended matter and dissolved organics.
Products Biodegradation:	No Information available
Mobility in soil	No Information available
Other adverse effects	No Information available

13. Disposal considerations

Waste treatment Method	Waste material must be disposed of in accordance with the national and local regulations.
Contaminated packaging	Rinse empty containers with water and use the rinse water to prepare working solution. Can be landfilled or incinerated, in compliance with local regulations.

14. Transport information

UN	Number	Not Regulated. This product is not hazardous in any mode of transport.

Proper shipping name	The product is not covered by international regulation on the transport of dangerous goods
Transport hazard class(es)	
ADR/RID	Hazard class/division Not regulated
Subsidiary risk IMDG	Hazard class/division Not regulated
Subsidiary risk IATA	Hazard class/division Not regulated
Packing group	
Packing group	Not regulated
Environmental hazards	
Environmental hazards	No
Marine pollutant	No
ADR/RID	
Hazchem code	ADG 3Z
Tunnel Category	Not Reguted
IMDG	
EmS Code	Not Reguted
IATA	
Packing Instruction (Cargo)	Not Reguted
Maximum quantity	Not Reguted
Packing Instruction (Passenger)	Not Reguted
Maximum quantity	Not Reguted

15. Regulatory information

Fedral State Regulation	This product is not federally regulated as a hazardous material.
Clean Air Act	No information is available.
Component Analysis	No information is available
DSCL (EEC)	This product is not regulated by any state as hazardous material.

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. 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.