1. Product and Company Identifaction

www.rxmarine.com

Product Name	RXSOL-81-8107-280
Product Type	SODIUM SILICATE

Company Details:

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

Phone	+91 22 65113333 / 5555 / 9999 / 27815540
Fax	+91 22 2781 1318 :::AOH :0091 9821214367
Email	mail@rxmarine.com

2. Composition / Information on ingredients

www.rxmarine.com

Chemica Name	CAS Number
Sodium silicate	1344-09-840
Water	7732-18-5

3. Hazards Identification

www.rxmarine.com

Repeated or prolonged exposure to spray mist may produce respiratory tract irritation leading to frequent attacks of bronchial infection. Repeated or prolonged inhalation of vapors may lead to chronic respiratory irritation.

4. First Aid Measures

www.rxmarine.com

Eye Contact:
Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek medical attention.

Skin Contact:
If the chemical got onto the clothed portion of the body, remove the contaminated clothes as quickly as possible, protecting your own hands and body. Place the victim under a deluge shower. If the chemical got on the victim's exposed skin, such as the hands : Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cold water may be used. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

Serious Skin Contact:
Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.

Inhalation:
Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Serious Inhalation:
Not available.

Ingestion:
Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Serious Ingestion:
Not available

5. Fire-fighting Measures

www.rxmarine.com

Fire-fighting measures	Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

6. Accidental Release Measures

www.rxmarine.com

Personal Precautions	Wear protective clothing as per section 8
Environmental Precautions	No special precautions are required for this product Immediate Actions. Shut off source of leak if safe to do so
Clean Up Actions	Absorb spillage in inert material and shovel up. Flush spill area with copious amounts of water

7. Handling and Storage

www.rxmarine.com

Handling	The usual precautions for handling chemicals should be observed. Eyewash bottles should be available - See Section 8.
Storage	Keep only in the original container in a cool, well ventilated place . Protect from frost.

8. Exposure controls and personal protection

www.rxmarine.com

Exposure Limits	There are no recommended or established controls for this product.
Exposure controls	No special ventilation is required unless the product is used in a spray form.
Occupational exposure controls	Wear suitable protective clothing, including eye/face protection and gloves (plastic or rubber are recommended) No resp is required unless subject to contact with substance mist.

Gloves Goggles Suit

9. Physical and chemical properties

www.rxmarine.com

Odour	Characteristic odour
Appearance	Clear Colorless
pH	Alkaline
Boiling point	>100 °C at 760 mm / Hg
Melting Point	Not Available
Vapour pressure	not known
Specific Gravity	1.4 to 1.42
Solublity in Water	Soluble

10. Stability and reactivity

www.rxmarine.com

Stability : The product is stable.
Instability: Temperature: Not available.
Conditions of Instability:Not available.
Incompatibility with various substances: Highly reactive with acids. Reactive with oxidizing agents.
Corrosivity: Slightly corrosive to corrosive in presence of steel, of aluminum, of zinc, of copper. Non-corrosive in presence of glass.
Special Remarks on Reactivity: Not available.
Special Remarks on Corrosivity:Not available.
Polymerization:No

11. Toxicological information

www.rxmarine.com

Routes of Entry: Eye contact. Inhalation. Ingestion.
Toxicity to Animals: LD50: Not available. LC50: Not available.
Chronic Effects on Humans:Not available.
Other Toxic Effects on Humans: skin contact (corrosive, irritant), of ingestion, of inhalation.
Special Remarks on Toxicity to Animals:Not available.
Special Remarks on Chronic Effects on Humans:Not available.
Special Remarks on other Toxic Effects on Humans:Not available.

12. Ecological information

www.rxmarine.com

Ecotoxicity: Not available.
BOD5 and COD:Not available.
Products of Biodegradation:Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Special Remarks on the Products of Biodegradation:Not available.

13. Disposal considerations

www.rxmarine.com

Disposal considerations	Do not discharge into drains or the environment, dispose to an authorised waste collection point Disposal should be in local, state or national legislation

14. Transport information

www.rxmarine.com

- Not classified as hazardous for transport

15. Regulatory information

www.rxmarine.com

Federal and State Regulations:
TSCA 8(b) inventory: Sodium silicate; Water
Other Regulations:
OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).
Other Classifications:
WHMIS (Canada): CLASS D-2B: Material causing other toxic effects (TOXIC).
DSCL (EEC): R35- Causes severe burns.
HMIS (U.S.A.):
Health Hazard:3
Fire Hazard:0
Reactivity:0
Personal Protection:
National Fire Protection Association (U.S.A.):
Health:3
Flammability:0
Reactivity:0
Specific hazard:
Protective Equipment:
Gloves. Full suit. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Face shield

16. Other information

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 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.

.