

1. Product and Company Identifaction

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Product Name RXSOL-67-6711-250
Product Type Lithium Silicate Densifier

Company Details:

RX MARINE INTERNATIONAL
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2. Composition / Information on ingredients

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Chemica Name	CAS Number
Lithium silicate	10102-24-6
Water	7732-18-5

3. Hazards Identification

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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

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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

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Fire-fighting measures

Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

6. Accidental Release Measures

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Personal Precautions

Wear protective clothing as per section 8

Environmental Precautions

No special precautions are required for this product

Clean Up Actions

Immediate Actions. Shut off source of leak if safe to do so

Absorb spillage in inert material and shovel up. Flush spill area with copious amounts of water

7. Handling and Storage

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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

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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 respi-



Gloves Goggles Suit

9. Physical and chemical properties

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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

>1.18

Solubility in Water

Soluble

10. Stability and reactivity

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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

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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

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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

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Disposal considerations

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

14. Transport information

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- Not classified as hazardous for transport

15. Regulatory information

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Safety, health and environmental regulations/ legislation specific for the substance or mixture

Authorisations and/or restrictions on use Disodium decahydrate CAS-No.: 1303-96-4 Candidate List of Very High Concern for Authorisation for reproduction Authorisation Toxic for reproduction ED/30/2010 Disodium tetraborate decahydrate CAS-N Candidate List of Substances of Very High Concern fo Toxic for reproduction (article 57c) ED/30/2010

Chemical safety assessment

For this product a chemical safety assessment is not applicable

16. Other information

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