

1. Product and Company Identification

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Product Code RXSOL-60-6152-500
Product Name Silica AR Grade

Company Details:

RX MARINE INTERNATIONAL
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2. Composition / Information on ingredients

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INGREDIENTS	CAS no	Molecular Weight
Silicic anhydride	112945-52-5	60,08 g/mol

3. Hazards Identification

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skin contact	may irritant
eye contact	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

4. First Aid Measures

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swallowed	Never give anything by mouth to an unconscious person. Rinse mouth with water.
inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
skin contact	Wash off with soap and plenty of water.
eye contact	Flush eyes with water as a precaution.

5. Fire-fighting Measures

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Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and surrounding environment

Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary

6. Accidental Release Measures

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Personal precautions

Wear respiratory protection. Avoid dust formation. Avoid breathing vapour or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid dust.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product discharge into the environment must be avoided.

Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Sweep up and show suitable, closed containers for disposal

7. Handling and Storage

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Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.

Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Absorbs carbon dioxide (CO₂) from air

8. Exposure controls and personal protection

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engineering controls

General industrial hygiene practice

Eye/face protection

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper donning technique without touching glove's outer surface) to avoid skin contact with contaminated product. Dispose of contaminated gloves after use in accordance with applicable regulations and good laboratory practices. Wash and dry hands.

9. Physical and chemical properties

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Appearance	powder
Odour	NA
pH	3,6 - 4,3
Melting point/freezing point	1.600 °C
Flash point	NA
Vapour pressure	NA
Relative density	2,3 g/mL at 25 °C
Water solubility	insoluble

10. Stability and reactivity

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Stability: N/A

Chemical stability: N/A

Incompatible materials: Strong acids, Strong bases, Hydrogen fluoride, Oxidizing agents, Ammonia, Oxygen difluoride, Chlorine trifluoride

11. Toxicological information

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Skin	May be harmful if absorbed through skin. May cause skin irritation.
Eyes	may cause eye irritation
Inhalation	May be harmful if inhaled. May cause respiratory tract irritation
Ingestion	May be harmful if swallowed.

12. Ecological information

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Toxicity	NA
Bioaccumulative potential	N/A
Persistence and degradability	NA
Mobility in soil	NA

13. Disposal considerations

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Waste treatment methods

Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

14. Transport information

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N/A

15. Regulatory information

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REGULATORY INFORMATION

This safety data sheet complies with the requirements of Regulation

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

N/A

16. Other information

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The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions

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