

1. Product and Company Identification

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Product Name Soda Ash Dense
Part Number RXSOL-32-1307-050

Company Details:

RX MARINE INTERNATIONAL
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2. Composition / Information on ingredients

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Product name	Cas No	EC No	Weight	Formula
Sodium carbonate	497-19-8	-	90 - 100%	Na ₂ CO ₃

3. Hazards Identification

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Signal Word	Warning
Hazard Statements	H319 Causes serious eye irritation
Precautionary statements	P264 Wash skin thoroughly after handling. P280 Wear eye protection/ face protection. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 If eye irritation persists: Get medical advice/ attention.
Classification of the substance or mixture	No data available
Supplemental Hazard Statements	No data available
Other hazards	No data available

4. First Aid Measures

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General advice	Move out of dangerous area. Show this safety data sheet to the doctor in attendance. Do not leave the victim unattended.
If inhaled	If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician. Remove to fresh air.
Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist
Swallowed	Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Rinse mouth with water. Do NOT induce vomiting.
Skin Contact	Wash off with warm water and soap. Get medical attention if irritation develops and persists. Take off contaminated clothing and shoes immediately. Wash contaminated clothing before re-use.

Inhalation	No data available
Ingestion	No data available
Most important symptoms and effects, both acute and delay	The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11
Indication of any immediate medical attention and special treatment needed	No data available

5. Fire-fighting Measures

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Flammability	No data available
Suitable extinguishing media	Use an extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media	High volume water jet
Special hazards arising from the substance or mixture	No data available
Further information	Standard procedure for chemical fires.
Hazardous combustion products	No data available
Advice for firefighters	In the event of fire, wear self-contained breathing apparatus.
Protective Equipment	Wear self-contained breathing apparatus for firefighting if necessary.
Specific Hazards Arising from the Chemical	No data available
Specific extinguished methods	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

6. Accidental Release Measures

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Personal precautions, protective equipment and emergency procedures	Use personal protective equipment. Avoid dust formation. Avoid breathing dust
Spillage	No data available
Personal Protection	No data available
Environmental Precaution	Prevent further leakage or spillage if safe to do so.
Methods and materials for containment and cleaning	Neutralise with acid. Keep in suitable, closed containers for disposal.
Reference to other sections	For disposal see section 13.

7. Handling and Storage

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Advice on protection against fire and explosion	Avoid dust formation. Provide appropriate exhaust ventilation at places where dust is formed.
Incompatible materials	No data available
Hygiene measures	When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.
Advice on safe handling	Avoid formation of respirable particles. Do not breathe vapours/dust. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Dispose of rinse water in accordance with local and national regulations
Conditions for safe storage including any incompatibilities	Keep container tightly closed in a dry and well-ventilated place. Electrical installations / working materials must comply with the technological safety standards
Specific end use(s)	Apart from the uses mentioned in section 1.2 no other specific uses are stipulated
Advice on general occupational hygiene	No data available

8. Exposure controls and personal protection

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Exposure controls	Personal protective equipment
Engineering Control	No data available
Eye/face protection	Eye wash bottle with pure water Tightly fitting safety goggles Wear face-shield and protective suit for abnormal processing problems
Body Protection	Protective clothing.
Skin protection	Dust impervious protective suit Choose body protection according to the amount and concentration of the dangerous substance at the work place.
Respiratory protection	No personal respiratory protective equipment normally required. In the case of vapour formation use a respirator with an approved filter.
Other Protection Measure	No data available

9. Physical and chemical properties

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Physical state	Granules
Colour	White
Odour	Odourless
Odor Threshold	No data available
pH	11.3 - 11.4 @ 1 %
Melting Point	851 - 854 °C (1564 - 1569 °F)
Boiling Point	Decomposition
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
Thermal Decomposition	400 °C
Vapour pressure	Negligible
Viscosity	No data available
Density	No data available
Relative Density	2.52 - 2.53 @ 20 - 25 °C (68 - 77 °F) Reference substance: (water = 1)
Specific Gravity	No data available
Partition coefficient	No data available
Explosive properties	No data available
Solubility	212.5 g/l @ 20 °C (68 °F)
Ignition temperature	No data available
Particle characteristics	No data available

10. Stability and reactivity

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Reactivity	No data available
Chemical stability	The product is chemically stable under standard ambient conditions (room temperature)
Possibility of hazardous reactions	Dust may form explosive mixture in air.
Conditions to avoid	Exposure to air or moisture over prolonged periods.
Incompatible materials	Acids aluminum aluminum powder Fluorine lithium 2,4,6-trinitrotoluene
Hazardous decomposition products	Sodium oxides Carbon oxides Carbon dioxide (CO ₂)

11. Toxicological information

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Acute toxicity	No data available
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Skin corrosion/irritation	No data available
Serious eye damage/irritation	Rabbit Irritating to eyes.
Respiratory or skin sensitization	No data available
Carcinogenicity	No data available
Germ cell mutagenicity	No data available
Reproductive toxicity	No data available
Specific target organ toxicity - single exposure	No data available
Additional Information	No data available

12. Ecological information

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Persistence and degradability	No data available
Toxicity to fish	No data available
Toxicity to daphnia and other aquatic invertebrates	No data available
Toxicity	No data available
Toxicity to bacteria	No data available
Toxicity to algae	No data available
Products Biodegradation	No data available
Mobility in soil	No data available
Results of PBT and vPvB assessment	No data available
Endocrine disrupting properties	No data available
Other adverse effects	Regulation 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B)

13. Disposal considerations

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Product	No data available
Contaminated packaging	Empty remaining contents. Dispose of as unused product. Do not re-use empty containers
Waste treatment Method	Dispose of in accordance with all applicable local, state and federal regulations. For assistance with your waste management needs - including disposal, recycling and waste stream reduction, contact Univar Solutions ChemCare: 1-800-909-4897

14. Transport information

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UN number	ADR/RID:-	IMDG:-	IATA:-
UN proper shipping name	ADR/RID:Not dangerous goods	IMDG:Not dangerous goods	IATA:Not dangerous 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

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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

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Other Information

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