

1. Product and Company Identification

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Product Name Chlorinate Pool Salt LB 40
Part Number RXSOL-31-3135-025

Company Details:

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
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2. Composition / Information on ingredients

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Product name	Cas No	Weight	Formula
Sodium Chloride	7647-14-5	100	NaCl

3. Hazards Identification

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Signal Word	Danger
Hazard Statements	Causes eye irritation
Precautionary statements	Wash face, hands and any exposed skin thoroughly after handling.
Classification of the substance or mixture	No data available
Supplemental Hazard Statements	No data available
Other hazards	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

4. First Aid Measures

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General advice	Show this material safety data sheet to the doctor in attendance
If inhaled	No data available
Eye Contact	Burning feeling and temporary redness. May cause irritation and redness. Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician. If symptoms persist, call a physician.
Swallowed	No data available
Skin Contact	May cause dryness to skin. Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician.
Inhalation	Move to fresh air. Irritating to mucous membranes. May cause throat irritation. If symptoms persist, call a physician.
Ingestion	Drink plenty of water. Rinse mouth with water. If symptoms persist, call a physician. Not intended for human or animal consumption.
Most important symptoms and effects, both acute and delayed	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

Keep patient under observation. Treat symptomatically

5. Fire-fighting Measures

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Flammability

No data available

Suitable extinguishing media

Material is non-flammable. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

Use of water spray when fighting fire may be inefficient.

Special hazards arising from the substance or mixture

No data available

Further information

Prevent fire extinguishing water from contaminating surface water or the ground water system.

Hazardous combustion products

Carbon monoxide. Carbon dioxide (CO₂).

Advice for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Protective Equipment

Full protective gear.

Specific Hazards Arising from the Chemical

No data available

6. Accidental Release Measures

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Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid dust formation. Avoid contact with the skin and the eyes.

Spillage

No data available

Personal Protection

No data available

Environmental Precaution

No data available

Methods and materials for containment and cleaning

Prevent further leakage or spillage if safe to do so. Avoid generation and spreading of dust. Use personal protective equipment. Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry. Take up mechanically and collect in suitable container for disposal. Avoid dust formation. Clean contaminated surface thoroughly.

Reference to other sections

No data available

7. Handling and Storage

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Advice on protection against fire and explosion

No data available

Incompatible materials

Bromine Trifluoride, Lithium.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands and face before breaks and immediately after handling the product. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing and gloves, including the inside, before re-use.

Advice on safe handling

Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Avoid dust formation. Do not ingest.

Conditions for safe storage including any incompatibilities

No data available

Storage conditions

Keep containers tightly closed in a dry, cool and well-ventilated place.

Storage class

No data available

Specific end use(s)

No data available

Advice on general occupational hygiene

No data available

8. Exposure controls and personal protection

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Exposure controls

Treat as a nuisance dust.

Engineering Control	Showers Eyewash stations Ventilation systems. Ensure adequate ventilation to remove vapors, fumes, dust, etc. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. Ensure that eyewash stations and safety showers are close to the workstation location.
Eye/face protection	Safety glasses with side-shields. or. Tightly fitting safety goggles. for dusty conditions
Body Protection	Protective clothing.
Skin protection	Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Wear latex or Nitrile gloves.
Respiratory protection	Effective dust mask. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations.
Other Protection Measure	No data available

9. Physical and chemical properties

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Physical state	Solid
Colour	White, crystalline
Odour	Odorless
Odor Threshold	No data available
pH	No data available
Melting Point	800 °C / 1472 °F.
Boiling Point	1413 °C / 2575 °F.
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
Decomposition temperature	No data available
Vapour pressure	1 MM@ 855 deg
Viscosity	No data available
Density	No data available
Relative Density	No data available
Specific Gravity	2.165
Partition coefficient	No data available
Explosive properties	No data available
Solubility	Appreciable (26.43 % by weight at 20C)
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	No data available
Conditions to avoid	No data available
Incompatible materials	Bromine Trifluoride, Lithium
Hazardous decomposition products	When heated to decomposition (above 1413 C) may emit toxic fumes of Na ₂ O and Cl ₂ .

11. Toxicological information

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Acute toxicity	LD50 Oral LD50 Dermal LC50 Inhalation Sodium Chloride 7647-14-5 = 3 g/kg (Rat) = 10 g/kg (Rabbit) > 42 g/m ³ (Rat) 1 h
Skin corrosion/irritation	Skin - Rabbit Result Severe skin irritation (OECD Test Guideline 404)
Serious eye damage/irritation	May cause irritation
Respiratory or skin sensitization	Irritating to skin. Prolonged contact may cause redness and irritation. May cause irritation of respiratory tract. Inhalation of dust in high concentration may cause irritation of respiratory system. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
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	4747 - 7824 mg/L: 96 h Oncorhynchus mykiss LC50 flow-through 5560 - 6080 mg/L: 96 h Lepomis macrochirus LC50 flow-through 6020 - 7070 mg/L: 96 h Pimephales promelas LC50 static 6420 - 6700 mg/L: 96 h Pimephales promelas LC50 static 12946 mg/L: 96 h Lepomis macrochirus LC50 static 7050 mg/L: 96 h Pimephales promelas LC50 semi-static
Toxicity to daphnia and other aquatic invertebrates	340.7 - 469.2 mg/L: 48 h Daphnia magna EC50 Static 1000 mg/L: 48h Daphnia magna EC50
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	No data available

13. Disposal considerations

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Product	No data available
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers
Waste treatment Method	This material, as supplied, is not a hazardous waste according to Federal regulations (40CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements. Dispose of in accordance with federal, state, and local regulations.

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, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

Other regulations

Take note of Dir 94/33/EC on the protection of young people at work.

Chemical Safety Assessment

A Chemical Safety Assessment was not carried out for this substance.

16. Other information

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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 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 we 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.

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