

1. Product and Company Identification

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Product Name Sodium Chlorite Powder

Part Number RXSOL-19-1977-050

Company Details:

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

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Website www.rxmarine.com

2. Composition / Information on ingredients

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Chemical Name	Cas No	Purity
Sodium Chlorite Powder	7647-14-5	>95

3. Hazards Identification

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Classification	Classification under 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)
Label Element	None
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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Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
Skin Contact	Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately if symptoms occur.
Inhalation	Remove to fresh air. Get medical attention immediately if symptoms occur.
Ingestion	Get medical attention if symptoms occur. Clean mouth with water and drink afterwards plenty of water.
Most important symptoms and effects	None reasonably foreseeable.
Notes to Physician	Treat symptomatically

5. Fire-fighting Measures

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Flash Point Method	No information available
Autoignition Temperature	No information available

Unsuitable extinguishing media	No information available
Explosion Limits Upper	No data available
Lower	No data available
Sensitivity to Mechanical Impact	No information available
Sensitivity to Static Discharge	No information available
Hazardous combustion products	Hydrogen chloride gas. Sodium oxides.
Protective Equipment and Precautions for Firefighters	Wear self-contained breathing apparatus for firefighting if necessary.
Specific Hazards Arising from the Chemical	Thermal decomposition can lead to release of irritating gases and vapors. Keep product and empty container away from heat and sources of ignition.
NFPA	Health
	1
	Flammability
	0
	Instability
	1
	Physical hazards N/A

6. Accidental Release Measures

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Personal precautions	Ensure adequate ventilation. Use personal protective equipment as required. Avoid dust formation.
Environmental Precaution	Should not be released into the environment.
Methods for Containment and Cleanup	Sweep up and shovel into suitable containers for disposal. Avoid dust formation.

7. Handling and Storage

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handling	Wear personal protective equipment/face protection. Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Avoid ingestion and inhalation. Avoid dust formation.
Storage	Keep containers tightly closed in a dry, cool and well-ventilated place. Store under an inert atmosphere. Protect from moisture. Incompatible Materials. Strong oxidizing agents. Metals. Strong acids.

8. Exposure controls and personal protection

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Exposure Guidelines	This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
Engineering Measures	Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location.
Eye/face protection	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN 166.
Skin and body protection	Wear appropriate protective gloves and clothing to prevent skin exposure.
Respiratory protection	Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if

exposure limits are exceeded or if irritation or other symptoms are experienced.

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

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Physical state	Solid
Colour	White
Odor	Odorless
Odor Threshold	No information available
pH	5.0-8.0 @ 20°C; 5% aq.sol
Melting Point	801 °C / 1473.8 °F
Boiling Point	1461 °C / 2661.8 °F @ 760 mmHg
Flash Point	No information available
Evaporation Rate	Not Applicable
Flammability (solid, gas)	No information available
Upper/lower flammability or explosive limits	No data available
Vapour pressure	1 mmHg @ 865 °C
Vapor Density	Not applicable
Specific Gravity	No information available
Partition coefficient	No data available
Autoignition Temperature	No information available
Decomposition Temperature	No information available
Solubility	Soluble in water
Viscosity	Not applicable
Molecular Formula	Cl Na
Molecular Weight	58.44

10. Stability and reactivity

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Reactive Hazard	None known, based on information available
stability	Hygroscopic.
Conditions to avoid	Incompatible products. Excess heat. Avoid dust formation. Exposure to moist air or water
Incompatible materials	Strong oxidizing agents, Metals, Strong acids
Hazardous decomposition products	Hydrogen chloride gas, Sodium oxides
Hazardous Polymerization	Hazardous polymerization does not occur.
Hazardous Reactions	None under normal processing.

11. Toxicological information

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Product Information	See actual entry in RTECS for complete information.
Toxicologically Synergistic	No information available
irritation Sensitization	No information available
Respiratory or skin sensitization	No data available
Mutagenic Effects	Not mutagenic in AMES Test
Reproductive Effects	No information available.
Developmental Effects	No information available.
Teratogenicity	No information available.
STOT - single exposure	None known

STOT - repeated exposure	None known
Aspiration hazard	No information available
Symptoms / effects, both acute and delayed	No information available
Endocrine Disruptor Information	No information available
Other Adverse Effects	The toxicological properties have not been fully investigated.

Acute Toxicity Product Information See actual entry in RTECS for complete information.

Product Information

Component Information

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium chloride	LD50 = 3 g/kg (Rat)	LD50 > 10000 mg/kg (Rabbit)	LC50 > 42 mg/L (Rat) 1 h

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

Component	CAS No	IARC	NTP	ACGIH	OSHA
Sodium chloride	7647-14-5	Not listed	Not listed	Not listed	Not listed

12. Ecological information

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Persistence and Degradability	Soluble in water Persistence is unlikely based on information available.
Bioaccumulation/ Accumulation	No information available.
Mobility	Will likely be mobile in the environment due to its water solubility

Ecotoxicity Do not empty into drains.

Component	Freshwater Algae	Freshwater Fish	Micro
Sodium chloride	Not listed	Pimephals prome: LC50: 7650 mg/L/96h	Not li

13. Disposal considerations

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Waste treatment Method	Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.
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14. Transport information

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DOT	Not regulated
TDG	Not regulated
IATA	Not regulated
IMDG/IMO	Not regulated

15. Regulatory information

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Legend:	TSCA US EPA (TSCA) - Toxic Substances Control Act, (40 CFR Part 710)
	X - Listed
	'-' - Not Listed

California Proposition 65
U.S. State Right-to-Know Regulations

TSCA 12(b) - Notices of Export Not applicable
This product does not contain any Proposition 65 chemicals.
Reportable Quantity (RQ): N

DOT Marine Pollutant N

DOT Severe Marine Pollutant N

Severe risk, Grade 4

Other International Regulations Mexico - Grade

United States of America Inventory

Component	CAS No	TSCA	TSCA Inventory notification -Active-Inactive	TSCA - EPA Regulator
Sodium chloride	7647-14-5	X	ACTIVE	-

International Inventories Canada (DSL/NDSL), Europe (EINECS/ELINCS/NLP), Philippines (PICCS), Japan (ENCS), Japan (ISHL), Australia (AICS), China

Component	CAS No	DSL	NDSL	EINECS	PICCS	ENCS	ISHL	AICS	IECSC	KECL
Sodium chloride	7647-14-5	X	-	231-598-3	X	X	X	X	X	KE-31387

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

Component	CAS No	OECD HPV	Persistent Organic Pollutant
Sodium chloride	7647-14-5	Listed	Not applicable

Component	CAS No	Seveso III Directive (2012/18/EC) - Qualifying Quantities for Major Accident Notification	Seveso III Directive (2012/18/EC) - Qualifying Quantities for Safety Report Requirements	Rotterdam Convention (PIC)	Basel Convention (Hazardous Waste)
Sodium chloride	7647-14-5	Not applicable	Not applicable	Not applicable	Not applicable

(IECSC), Korea(KECL).

16. Other information

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Other Information

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