

1. Product and Company Identification

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Product Name
Part Number

Sodium Chlorite 80% Powder
RXSOL-19-1977-051

Company Details:

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

Branch : Kandla, Sikka, Dahej, Hazira, JNPT, Goa, Mangalore, Cochin, Tuticorin, Chennai, Kakinada, Vizag, Paradip, Kolkata, UAE, Singapore.

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Website www.rxmarine.com

2. Composition / Information on ingredients

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Name of Substance	Cas Number
Sodium Chlorite	7758-19-2

3. Hazards Identification

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Signal Word
Hazard Statements

Word Danger

Precautionary statement(s)

H271 May cause fire or explosion; strong oxidizer
skin. H314 Causes severe skin burns and eye damage
prolonged or repeated exposure if swallowed. H411 Harmful to
aquatic life.
P210 Keep away from heat, hot surfaces, sparks, open flames
P260 Do not breathe dust or mist. P273 Avoid release into the
environment.
protective clothing/ eye protection/ face protection
immediately all contaminated clothing. Rinse skin with water
Rinse cautiously with water for several minutes. Remove
rinsing. Immediately call a POISON CENTER/doctor if you feel
EUH032 Contact with acids liberates very toxic gas.
This substance/mixture contains no components which are
toxic (PBT), or very persistent and very bioaccumulative.

Supplemental Hazard information (EU)
Other hazards

4. First Aid Measures

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General advice
Inhalation
Skin Contact

Consult a physician. Show this safety data sheet to the physician.
If breathed in, move person into fresh air. If not breathing, give
Take off contaminated clothing and shoes immediately. Wash
victim immediately to hospital. Consult a physician immediately.
Rinse thoroughly with plenty of water for at least 15 minutes.
Do NOT induce vomiting. Never give anything by mouth to
Consult a physician.

Eye Contact
Swallowed

The most important known symptoms and effects are described in
section 11

Most important symptoms and effects, both acute and delayed

Body Protection

Respiratory protection

Control of environmental exposure



Gloves Suit

should not be construed as offering an approval for

Complete suit protecting against chemicals, The type depends on the concentration and amount of the dangerous substance.

Where risk assessment shows air-purifying respirator is the sole means of protection, use a type N100 (US) or type P3 (EN 143) respirator with components tested and approved under appropriate national (EU).

Prevent further leakage or spillage if safe to do so. Contamination of the environment must be avoided.

9. Physical and chemical properties

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Appearance Form

Powder

Colour

White

Odour

No data available

Odour Threshold

No data available

pH

10,0 - 11,0 at 100 g/l at 20 °C

Melting point/freezing point

No data available

Initial boiling point and boiling range

No data available

Flash point

No data available

Evaporation rate

No information available

Flammability (solid, gas)

No data available

Upper/lower flammability or explosive limits

Lower explosion limit: 7 %(V)

Vapour pressure

No information available

Vapour density

Not applicable

Relative density

No Data Available

Water solubility

545 g/l at 20 °C - OECD Test Guideline 105.

Partition coefficient; n-octanol/water

log Pow: < -2,7

Autoignition Temperature

No Data Available

Decomposition Temperature

No data available

Viscosity

No information available

Explosive properties

No data available

Oxidizing properties

The substance or mixture is classified as oxidizing

Other safety information

No data available

10. Stability and reactivity

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Reactive

No data available

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions	No data available
Conditions to avoid	No data available
Incompatible materials	Strong reducing agents, Powdered metals, Phosphorus, Oxidizing materials, acids, Amines
Hazardous decomposition products	Hazardous decomposition products formed under fire conditions - Sodium oxides Other decomposition products - formed under fire conditions. - Carbon oxides, Hydrogen gas, see section 5.

11. Toxicological information

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Acute toxicity	No data available
Inhalation	No data available
Dermal	No data available
Skin corrosion/irritation	No data available
Serious eye damage/eye irritation	No data available
Respiratory or skin sensitisation	No data available
Germ cell	No data available
Mutagenicity	No information available
Carcinogenicity IARC	No component of this product present at levels greater than 1% possible or confirmed human carcinogen by IARC.
Specific target organ toxicity	Single exposure No data available
Specific target organ toxicity	Repeated exposure No data available
Aspiration hazard	No data available
Additional Information	RTECS: VZ4800000

12. Ecological information

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Toxicity	No data available
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available
Results of PBT and vPvB assessment	This substance/mixture contains no components of concern for PBT, or very persistent and very bioaccumulative (PBT), or very persistent and very bioaccumulative (vPvB).
Other adverse effects	Very toxic to aquatic life.

13. Disposal considerations

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Product	Burn in a chemical incinerator equipped with an air pollution control system as this material is highly flammable. Offer surplus material to a qualified company.
Contaminated packaging	Dispose of as unused product.

14. Transport information

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ADR/RID

UN number	1496
UN proper shipping name	SODIUM CHLORITE
Transport hazard class(es)	5.1
Packaging group	II

Environmental hazards	Yes
Special precautions for user	No data available

IMDG

UN number	1496
UN proper shipping name	SODIUM CHLORITE
Transport hazard class(es)	5.1
Packaging group	II
Environmental hazards	Yes
Special precautions for user	No data available

IATA

UN number	1496
UN proper shipping name	SODIUM CHLORITE
Transport hazard class(es)	5.1
Packaging group	II
Environmental hazards	Yes
Special precautions for user	No data available

15. Regulatory information

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

This safety datasheet complies with the requirements of the GHS.
For this product a chemical safety assessment was performed.

16. Other information

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Other Information

The information above is believed to be accurate and reliable. However, we make no warranty, expressed or implied, with respect to such information, and we do not intend to make their own investigations to determine the accuracy of the information for purposes. In no event shall we be liable for any claim, damages, profits or any special, indirect, incidental, consequential or punitive damages, if Rx Marine International has been advised of the information.

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