

MATERIAL SAFETY DATA SHEET

Product Name: SODIUM CHLORITE

CAS No.: 7758-19-2

Version: 0

1. Identification

Product Code : 90660,91703
Company Name : Advent Chembio Private Limited
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2. Hazards Identification**Hazard classification**

Acute toxicity, Oral : Category 4
Acute toxicity, Inhalation : Category 2
Acute toxicity, Dermal : Category 3

Labels elements

Hazard symbol

**Signal word**

: Danger

Hazard statement: Fatal if inhaled.
Toxic in contact with skin.
Harmful if swallowed.**Precautionary statement**: Avoid breathing vapours.
Avoid release to the environment.
Wear protective gloves/ eye protection/ face protection.
IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
If experiencing respiratory symptoms: Call a POISON CENTER/doctor.**3. Composition/information on ingredients**

Ingredient : SODIUM CHLORITE
CAS No. : 7758-19-2
Percent : NA

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Formula : ClNaO_2
Molecular Weight : 90.44 g/mol

4. First Aid Measures**Description of first aid measures**

General advice : Consult a physician. Show this safety data sheet to the doctor in attendance.

Inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

Skin contact : Remove/Take off immediately all contaminated clothing. Gently wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

Eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Swallowed : Get medical advice/attention if you feel unwell. Rinse mouth.

Most important symptoms and effects, both acute and delayed : The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11

Indication of any immediate medical attention and special treatment needed Treatment : No data available

5. Fire fighting measures**Extinguishing media**

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture : Do not use a heavy water stream.

Advice for firefighters : Wear self contained breathing apparatus for firefighting if necessary.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

Environmental precautions : Do not let product enter drains.

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Methods and materials for containment and cleaning up : Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

7. Handling and storage

Precautions for safe handling : Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

Conditions for safe storage, including any incompatibilities : Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

8. Exposure Controls / Personal Protection

Exposure limit : No data available

Appropriate engineering controls : Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Respiratory protection : Dust respirator. Follow local and national regulations

Hand protection : Protective gloves.

Eye protection : Safety glasses. A face-shield, if the situation requires.

Skin and Body Protection : Protective clothing. Protective boots, if the situation requires.

9. Physical and Chemical Properties

Appearance : White to off white to light yellow powder.

Odor : No data available

pH : No data available

Melting point/freezing point : No data available

Initial boiling point and boiling range : No data available

: No data available

Flash Point

Vapor pressure : No data available

Vapor density : No data available

Relative density : No data available

Solubility in water : No data available

Solubility (other) : No data available

10. Stability and Reactivity

Reactivity : Highly reactive material.

Chemical stability : Stable under recommended storage conditions.

Possibility of hazardous reactions : Contact with acids liberates very toxic gas.

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Conditions to avoid : Direct sunlight. Extremely high or low temperatures.
Incompatible materials : Strong acids. Strong bases.
Hazardous decomposition products : Hazardous decomposition products formed under fire conditions. - Fumes. Carbon monoxide. Carbon dioxide.

11. Toxicological Information**Information on toxicological effects**

Acute toxicity : No data available
Skin corrosion/irritation : No data available
Serious eye damage/eye irritation : No data available
Respiratory or skin sensitization : No data available
Germ cell mutagenicity : No data available
Carcinogenicity
IARC : No data available
NTP : No data available
OSHA : No data available
Reproductive toxicity : No data available
Route of Exposure : No data available
Signs and Symptoms of Exposure : No data available

12. Ecological Information

Toxicity : No data available
Persistence and degradability : No data available
Bioaccumulative potential : No data available
Mobility in soil : No data available.
Other adverse effects : Avoid release to the environment.

13. Disposal consideration

Disposal instructions : Offer surplus and non-recyclable solutions to a licensed disposal company.
Contaminated packaging : Dispose of as unused product.

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	UN No.	UN proper shipping name	Hazard Class(es)	Packaging group	Marine Pollutant
DOT	1496	SODIUM CHLORITE	5.1	II	NO
IMDG	1496	SODIUM CHLORITE	5.1	II	NO
IATA	1496	SODIUM CHLORITE	5.1	II	NO

15. Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Safety, health and environmental regulations/legislation specific for the substance or mixture
No Data Available.

16. Other Information**Issue Date :01/11/2013****Version : 0**

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