



# Product Specification

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## SODIUM CHLORITE

PRODUCT CODE	026176
SYNONYMS	--
C.I. NO.	--
CASR NO.	(7758-19-2)
ATOMIC OR MOLECULAR FORMULA	NaClO <sub>2</sub>
ATOMIC OR MOLECULAR WEIGHT	90.44
PROPERTIES	Slightly hygroscopic. Decomposes at 180°C - 200°C. Powerful oxidizer.

## NaClO<sub>2</sub>

PARAMETER	LIMIT
Description	A white to off white crystalline powder.
Solubility	10% solution in water is clear and colourless.
Minimum Assay (Iodometric titration)	80.0%

Note(s) : Assay (if applicable) method mentioned.

### DANGER

**Hazard statements** : May intensify fire; oxidizer. Fatal if inhaled. Toxic if swallowed. Harmful in contact with skin. May damage the unborn child. May cause damage to organs through prolonged or repeated exposure. Causes severe skin burns and eye damage. Very toxic to aquatic life.

### Precautionary statements

**Prevention**: Do not breathe dust/fume/gas/mist/vapours/spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathe dust or mist. Wear protective gloves/ clothing. Wear protective gloves/clothing and eye/face protection. Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Wear respiratory protection. Use personal protective equipment as required. Keep away from heat. Take any precaution to avoid mixing with combustible or incompatible materials. Use only outdoors or in a well ventilated area.

**Response**: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. If exposed or concerned: Get medical attention advice. Keep container tightly closed. Wash contaminated clothing before reuse. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Specific treatment: refer to Label or MSDS. Get medical advice/attention if you feel unwell. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/ shower. Call a POISON CENTER or doctor /physician if you feel unwell. IF ON SKIN: Gently wash with plenty of soap and water. Immediately call a POISON CENTER or doctor/physician.

**Disposal**: Add a little at a time (2 to 5 gm) to a large volume of water. After the reaction or solution is complete, allow it to run to normal waste, diluting with large amount of water. Any sand used to cover spillage should be thoroughly washed with water before disposal as normal waste.

IMDG Code : 5.1/II

UN No. : 1496

ATA : 5.1

### Hazard Pictogram(s) :



Oxidising



Acute toxicity



Aspiration hazard



Corrosive to metals



Aquatic environment