

Sodium Chlorite

Chlorite oxidant and chlorine dioxide precursor for industrial formulation and process applications.

CAS No. 7758-19-2	EC / EINECS 231-836-6
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Product Information

Sodium Chlorite is supplied as white powder / light green-yellow solution. Grade: 25% / 31% liquid; 80% powder.

Specifications

Parameter	Specification
Appearance (Liquid)	Light green-yellow solution
Sodium Chlorite (31% liquid)	≥ 31.0%
Sodium Chlorite (25% liquid)	≥ 25.0%
Sodium Chlorate (31% / 25% liquid)	≤ 0.8% / ≤ 1.0%
Sodium Hydroxide (31% / 25% liquid)	≤ 0.4% / ≤ 1.0%
Sodium Chloride (31% / 25% liquid)	≤ 2.0% / ≤ 1.5%
Sodium Chlorite (80% powder)	≥ 80.0%
Sodium Chlorate (80% powder)	≤ 4.0%
Sodium Hydroxide (80% powder)	≤ 3.0%
Sodium Chloride (80% powder)	≤ 17.0%

Typical Properties

Property	Typical Value
Synonym	Chlorous acid sodium salt
Molecular formula	NaClO ₂ (active)
Molecular weight	90.44 g/mol (active)

Applications

Chlorine dioxide generation systems: Used as a component in chlorine dioxide generation systems. Evaluate compatibility and process requirements before use.

Pulp and fiber bleaching: Used as a component in pulp and fiber bleaching. Evaluate compatibility and process requirements before use.

Industrial water treatment: Used as a component in industrial water treatment. Evaluate compatibility and process requirements before use.

Packaging / Storage

Item	Information
Packaging	Liquid: 200 L polyethylene plastic drum, 250 kg/drum or 1250 kg IBC. Powder: iron drum with plastic bag, 50 kg/drum.
Storage	Store cool and dry. Do not store or transport with acids or reducing materials. Keep away from fire and heat sources.
Handling	Use local exhaust ventilation where needed. Wear chemical-resistant gloves and eye protection; avoid dust generation. Follow the product SDS for additional controls.

Company Contact

Supplier	Hainan Zhongxin Chemical Co., Ltd. (ZXCHEM)
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