GLOBALFUND TRADING XCHANGE
Specification of Products
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GFTX CHEMICALS

Sodium Chlorate

PRODUCT SPECIFICATION

$NaClO_3$

Technical-grade sodium chlorate made in China — the feedstock for chlorine dioxide (ClO_2) in pulp bleaching and water treatment. Supplied worldwide by GFTx under the GFTx Chemicals brand, in 1,000 kg big bags, with the certificate of analysis on request.

IDENTITY

Chemical name	Sodium chlorate
Formula	$NaClO_3$
CAS number	7775-09-9
EC number	231-887-4
Molar mass	106.44 g/mol
Grade	Technical
Appearance	White crystalline solid

PHYSICAL PROPERTIES (LITERATURE VALUES)

Density	≈ 2.5 g/cm³
Melting point	≈ 250 °C; decomposes on further heating
Solubility in water	Very soluble

HAZARD CLASSIFICATION (CLP)

Signal word	Danger
H271	May cause fire or explosion; strong oxidiser
H302	Harmful if swallowed
H411	Toxic to aquatic life with long lasting effects
Precautionary statements	P210 · P220 · P280 · P283 · P371+P380+P375 · P273

TRANSPORT

UN number	UN 1495
Proper shipping name	Sodium chlorate
Class	5.1 (oxidizing substance)
Packing group	II
Mark	Environmentally hazardous substance

SUPPLY

Brand	GFTx Chemicals
Producer	Confidential · China
Packing	1,000 kg net, UN-certified big bag (FIBC, code 13H3)
Documents	Certificate of analysis (COA) and safety data sheet (SDS) on request

APPLICATIONS

Pulp & paper bleaching (ClO_2) · Drinking & waste water treatment (ClO_2) · Textile bleaching · Ore processing & chemical synthesis

SAFETY & COMPLIANCE

- ✓ **Strong oxidiser** — keep away from heat, combustible and organic materials; wear the protective equipment named in the safety data sheet
- ✓ **Dangerous goods** — shipped as UN 1495, class 5.1, packing group II, in UN-certified packaging
- ✓ **Business customers only** — in the EU, sodium chlorate is a restricted explosives precursor (Regulation (EU) 2019/1148), so we supply professional users and ask for a customer statement
- ✓ **Documents** — safety data sheet (SDS) in the language of the destination country, and the certificate of analysis (COA) on request

Identity, hazard and transport data of sodium chlorate as supplied by GFTx Chemicals; physical properties are literature values. Purity and impurity values are stated in the producer's certificate of analysis (COA), available on request. Prices and availability are quoted on request: info@globalfundtrading.net.

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