

## Identification

NaClO<sub>3</sub>  
M = 106,44 g/mol  
CAS [7775-09-9]  
EC number: 231-887-4  
Taric code: 2829 11 00

## Applications

laboratory reagent, oxidizing, manufacture of dyes, in explosive compositions, cosmetics, herbicide, in the pharmaceuticals industry (oxidizing agent).

## Specifications

assay (argentometric).....	min. 98 %	sulfates (SO <sub>4</sub> ).....	max. 0,01 %
chlorides (Cl).....	max. 0,1 %	heavy metals (as Pb).....	max. 0,005 %
		iron (Fe).....	max. 0,005 %

## Physical data

- Appearance: crystals, colourless or white
- Spec. Density: (15 °C) 2,49 g/cm<sup>3</sup>
- Bulk density: ~ 1500 kg/m<sup>3</sup>
- Solub. in water: (20 °C): soluble
- Melting point: 255 °C (decomposes)
- pH(50 g/l H<sub>2</sub>O, 20 °C) ~ 5 - 7

## Safety - GHS

Signal Word: Danger

### Hazard Statements:

- H271: May cause fire or explosion; strong oxidiser.  
H302: Harmful if swallowed.  
H411: Toxic to aquatic life with long lasting effects.



### Precautionary Statements:

- P221: Take any precaution to avoid mixing with combustibles.  
P283: Wear fire / flame resistant / retardant clothing.  
P210: Keep away from heat / sparks / open flames / hot surfaces. - No smoking.  
P370+P378: In case of fire: Use ... for extinction.  
P306+P360: IF ON CLOTHING: rinse immediately contaminated clothing and skin with plenty of water before removing clothes.  
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

## Transport/storage

- ADR: 5.1 O2 II • UN 1495 • SODIUM CHLORATE
- IMDG: 5.1 II • UN 1495 • SODIUM CHLORATE
- IATA/ICAO: 5.1 II • UN 1495 • SODIUM CHLORATE
- PAX: 509
- CAO: 512
- 10°C - 30°C