

**Identification**

NaNO<sub>2</sub>  
 M = 69,00 g/mol  
 CAS [7632-00-0]  
 EC number: 231-555-9  
 Taric code: 2834 10 00




**Applications**

analytical chemistry, laboratory reagent, oxidizing agent, synthesis of organic products, manufacture of dyes (in the textile industry), photography, in food industry.

**Specifications**

|                                  |              |                           |              |
|----------------------------------|--------------|---------------------------|--------------|
| assay (permanganometric).....    | min. 99 %    | calcium (Ca).....         | max. 0,002 % |
| insoluble in water.....          | max. 0,01 %  | heavy metals (as Pb)..... | max. 0,001 % |
| chlorides (Cl).....              | max. 0,005 % | iron (Fe).....            | max. 0,001 % |
| sulfates (SO <sub>4</sub> )..... | max. 0,005 % | potassium (K).....        | max. 0,001 % |

**Packaging**
**Packaging Code**

500 g  SO05120500  
 1 kg  SO05121000  
 5 kg  SO0512005P

**Physical data**

- Appearance: crystals, yellow
- Spec. Density: 2,1 g/cm<sup>3</sup>
- Bulk density: ~ 1200 kg/m<sup>3</sup>
- Solub. in water: (20 °C): soluble
- Melting point: 280 °C (decomposes)
- Ignition temperature: 489 °C
- pH(100 g/l H<sub>2</sub>O, 20 °C) 9
- Hygroscopic

**Safety - GHS**

**Signal Word:** Danger


**Hazard Statements:**

- H301: Toxic if swallowed.  
 H272: May intensify fire; oxidiser.  
 H400: Very toxic to aquatic life.

**Precautionary Statements:**

- P221: Take any precaution to avoid mixing with combustibles.  
 P210: Keep away from heat / sparks / open flames / hot surfaces. - No smoking.  
 P220: Keep / Store away from clothing / combustible materials.  
 P321: Specific treatment (see on this label).  
 P405: Store locked up.  
 P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**Toxicological data**

- LD 50 (oral, rat): 85 mg/kg
- WGK: 2
- Poison class CH (Swiss): 2

**Transport/storage**

- ADR: 5.1 OT2 III • UN 1500 • SODIUM NITRITE
- IMDG: 5.1 III • UN 1500 • SODIUM NITRITE
- IATA/ICAO: 5.1 III • UN 1500 • SODIUM NITRITE
- PAX: 516
- CAO: 518