

**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 (iodometric).....min. 98 %

**Physical data**

- Appearance: crystals, slightly 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.

H319: Causes serious eye irritation.

H272: May intensify fire; oxidiser.

H400: Very toxic to aquatic life.

**Precautionary Statements:**

P221: Take any precaution to avoid mixing with combustibles.

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P370+P378: In case of fire: Use ... for extinction.

P405: Store locked up.

P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**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
- 10°C - 30°C