

Silver nitrate, solution 1 mol/l (1 N)**Identification**

AgNO₃
M = 169,87 g/mol
CAS [7761-88-8]
EC number: 231-853-9
Taric code: 2843 21 00

Applications

analytical chemistry, laboratory reagent, titrant in volumetric analysis, precipitant for: Cl-, I-, CN-, SCN- . . .



Specifications

factor..... 0,999 - 1,001
uncertainty ± 0,001

1 ml = 0,1699 g AgNO₃

This volumetric solution was checked by means of potentiometric methods using Scharlau's potassium chloride volumetric standard. Scharlau's volumetric standards are directly traceable to the Standard Reference Materials from NIST (National Institute of Standards and Technology, USA).

Packaging**Packaging Code**

500 ml  PL00570500
1 l  PL00571000

Physical data

- Density: 1,14 g/cm³
- pH(20 °C) ~ 7 - 9

Safety - GHS

Signal Word: Danger

Hazard Statements:

- H301: Toxic if swallowed.
- H314: Causes severe skin burns and eye damage.
- H411: Toxic to aquatic life with long lasting effects.

**Precautionary Statements:**

- P260: Do not breathe dust / fume / gas / mist / vapours / spray.
- P303+P361+P353: IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.
- P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- 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): 1173 mg/kg (pure substance)
- MAK: 0,01 mg/m³
- WGK: 3
- Poison class CH (Swiss): 3

Transport/storage

- ADR: 8 C1 II • UN 3264 • CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Silver nitrate, solution 1 mol/l)
- IMDG: 8 II • UN 3264 • CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Silver nitrate, solution 1 mol/l)
- IATA/ICAO: 8 II • UN 3264 • CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Silver nitrate, solution 1 mol/l)
- PAX: 808
- CAO: 812
- Store between 15°C and 25°C