

**Silver nitrate, concentrated solution to prepare 1 l of solution 0,1 mol/l  
(0,1 N)****Identification**

AgNO<sub>3</sub>  
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, photography, manufacture of dyes.

**Specifications**

amount of substance: 16,987 g AgNO<sub>3</sub> concentrated solution..... 1 mol/l ± 0,1 %

**Packaging****Packaging Code**

u.  PL005100PA

**Physical data**

- Density: 1,27 g/cm<sup>3</sup>
- Solub. in water: (20 °C): miscible
- pH(20 °C) ~ 7 - 9

**Safety - GHS**

**Signal Word:** Danger

**Hazard Statements:**

- H314: Causes severe skin burns and eye damage.  
H302: Harmful if swallowed.  
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/m<sup>3</sup>
- WGK: 3
- Poison class CH (Swiss): 3

**Transport/storage**

- ADR: 8 C1 II • UN 3264 • CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Silver nitrate, concentrated solution to prepare 1 l. of solution 0,1 mol/l)
- IMDG: 8 II • UN 3264 • CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Silver nitrate, concentrated solution to prepare 1 l. of solution 0,1 mol/l)
- IATA/ICAO: 8 II • UN 3264 • CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Silver nitrate, concentrated solution to prepare 1 l. of solution 0,1 mol/l)
- PAX: 808
- CAO: 812