

**Potassium permanganate**, concentrated solution to prepare 1 l of solution 0,02 mol/l (0,1 N)**Identification**

KMnO<sub>4</sub>  
M = 158,04 g/mol  
CAS [7722-64-7]  
EC number: 231-760-3  
Taric code: 2841 61 00

**Applications**

analytical chemistry, laboratory reagent.

**Specifications**

amount of substance: 3,160 g KMnO<sub>4</sub> concentrated solution..... 0,2 mol/l ± 0,1 %

**Physical data**

- Density: 1,03 g/cm<sup>3</sup>
- Solub. in water: (20 °C): miscible
- pH(20 °C) ~ 7,9

**Safety - GHS****Hazard Statements:**

H411: Toxic to aquatic life with long lasting effects.

**Precautionary Statements:**

- P280: Wear protective gloves / protective clothing / eye protection / face protection.  
P273: Avoid release to the environment.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310: Immediately call a POISON CENTER or doctor / physician.  
P321: Specific treatment (see on this label).  
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**Transport/storage**

- ADR: 9 M6 III • UN 3082 • ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Potassium permanganate, conc. sol. to prepare 1 l. of sol. 0,02 mol/l)
- IMDG: 9 III • UN 3082 • ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Potassium permanganate, conc. sol. to prepare 1 l. of sol. 0,02 mol/l)
- IATA/ICAO: 9 III • UN 3082 • ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Potassium permanganate, conc. sol. to prepare 1 l. of sol. 0,02 mol/l)
- PAX: 964
- CAO: 964
- 10°C - 30°C