

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

KMnO₄
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 KMnO₄

concentrated solution..... 0,2 mol/l ± 0,1 %

Physical data

- Density: 1,03 g/cm³
- 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