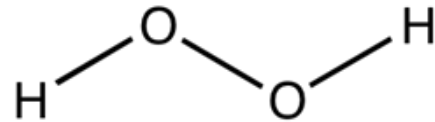


Hydrogen peroxide, solution 6% w/v (20 vol), EssentQ®

Identification

H₂O₂
M = 34,01 g/mol
CAS [7722-84-1]
EC number: 231-765-0
Taric code: 2847 00 00

**Synonyms**

Hydrogen dioxide, Hydroperoxide

Applications

oxidizing agent, bleaching agent, for pharmaceuticals synthesizing, in the pharmaceuticals industry.

Specifications

assay (permanganometric).....	approx. 6 %	arsenic (As).....	max. 0,5 ppm
acidity (as H ₂ SO ₄).....	max. 0,05 %	copper (Cu).....	max. 0,001 %
chlorides (Cl).....	max. 0,001 %	iron (Fe).....	max. 5 ppm
nitrates (NO ₃).....	max. 0,001 %	lead (Pb).....	max. 0,001 %
phosphates (as PO ₄).....	max. 0,005 %	nickel (Ni).....	max. 0,001 %
sulfates (SO ₄).....	max. 0,001 %	residue on evaporation.....	max. 0,05 %

Physical data

• Density: 1,016 g/cm³

Safety - GHS

Signal Word: Danger

Hazard Statements:

H271: May cause fire or explosion; strong oxidiser.

H319: Causes serious eye irritation.

**Precautionary Statements:**

P221: Take any precaution to avoid mixing with combustibles.

P283: Wear fire / flame resistant / retardant clothing.

P210: Keep away from heat / sparks / open flames / hot surfaces. - No smoking.

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.

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

Transport/storage

• 10°C - 30°C