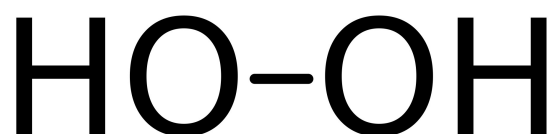


h1>Hydrogen peroxide 6% solution
[7722-84-1]



CAS number: **7722-84-1**

Summary formula: **H2O2**

Molar mass: **34.02 g / mol**

Synonyms: **hydrogen peroxide**

Translation [ENG]: **Hydrogen peroxide**

Application: **Hydrogen peroxide is used for bleaching silk, fabrics, feathers and hair; in refining oils and fats; for cleaning metal surfaces; as an antiseptic; and in rocket propulsion (90% solution). It is sold as an aqueous solution of 3-90% by weight. It is generally recognized as a safe preservative, bactericidal and skin bleach in cosmetics.**

VARIATIONS

Image	Price	Pack size
$\text{HO}-\text{OH}$	£37,96 gross £30,86 netto	10 L

Image	Price	Pack size
<chem>HO-OH</chem>	£94,81 gross £77,08 netto	25 L

PRODUCT DESCRIPTION

Hydrogen peroxide 6% solution [7722-84-1]

Hydrogen peroxide is used to bleach silk, fabrics, feathers and hair; in refining oils and fats; for cleaning metal surfaces; as an antiseptic; and in rocket propulsion (90% solution). It is sold as an aqueous solution of 3-90% by weight. It is generally recognized as a safe preservative, bactericidal and skin bleach in cosmetics. If undiluted, it may cause burns to the skin and mucous membranes.

Melting point: -33C
Boiling point: 108C
Density: 1.13 g / ml at 20C
Vapor density: 1.1 (vs air)
Vapor pressure: 23.3 mm Hg (30C)
Refractive index: 1.3350
Flash point: 107C
Storage temperature: 2-8C
Solubility: diethyl ether: soluble
Pka: 11.5 (at 25C)
Color ≤ 10 (APHA)
Specific gravity: about 1.13
Odor: Slightly sharp, irritating odor
PH: 2-4 (H₂O, 20C)
PH range: 6-8 at 25C
Water solubility: miscible
Merck: 14.4798
BRN: 3587191

Hazard pictograms

Labeling of hazardous chemicals and mixtures that are part of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS). The pictograms recommended by GHS have the shape of a square set on the top. They should contain a black symbol on a white background with a red border.

Priority rules to be observed in connection with the labeling of a substance:

- the skull and crossbones, the exclamation mark pictogram should not be added.
- corrosive effect, the exclamation mark pictogram should not be added if it concerns eye or skin irritation.
- health hazard determining respiratory sensitization, the exclamation mark pictogram should not be added if it concerns skin sensitization or irritation to eyes or skin.

Source: [GHS pictograms](#)