

# HYDROGEN PEROXIDE



## General Information

Chemical Formula	H <sub>2</sub> O <sub>2</sub>	
Synonym	Dioxidane	
Origin	South Korea	
H.S. Code	2847.00.00	
CAS No.	7722-84-1	
Molecular Weight	34.0147 g mol <sup>-1</sup>	

## Application

Pulp and Paper	It is used as a clean bleaching agent during chemical and mechanical pulping process of paper and pulp industry.
Textiles	It is commonly used in textile industries as a bleaching agent for natural and synthetic fibers.
Pollution control	It is a clean oxidizing agent which is used to treat waste water, contaminated soil, and toxic air emissions.
Manufacture chemicals	It is used to manufacture a wide range of organic and inorganic compounds such as hydroquinone, peracetic acid, ketones, aldehydes, alcohols, hydro-oxyl amines, epoxy derivatives, etc.
Other applications	It is used in cosmetics as a bleaching agent, pharmaceuticals for preparing disinfectants, food processing for sanitizing of packages, etc.

## Specification

Property	Units	Value
Concentration	%	50 (min)
Stability	%	98
H <sub>2</sub> O <sub>2</sub>	g/l	598
Density, at 20°C	g/ml	1.196
Active O <sub>2</sub> Content	%	23.5
Viscosity, at 20°C	cp	1.17
Appearance		Clear and Colorless

## Packaging

- 720 @ 30 kg Polycans, 21.60 MT / 20'FCL

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