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HYDROGEN PEROXIDE

Description

Hydrogen Peroxide is a colorless and clear liquid chemical substance which has bleaching, sterilizing power by the generation of oxygen. Such a unique feature makes it mainly used for pulp & paper industry, textile industry as a bleaching agent. Furthermore, there is a remarkable increase in its consumption about wafer cleanser for semi-conductor, copper etchant for LCD as well as a diversification of its use to chemical industry such as manufacturing Propylene Oxide, environmental field such as soil remediation, etc.

Applications

Bleaching agents : Pulp & Paper Industry, Textile Industry

Chemicals : Propylene Oxide (HPPO), Epichlorohydrin (ECH), Sodium percarbonate, etc

environmental field : Wastewater treatment, soil remediation, etc

Semi-conductor/LCD : Wafer cleanser, copper etchant (LCD)

Food industry : Packing material sterilization, food treatment (for preservation)

Others : PCB cleanser, SUS surface treatment, Aquatic product(O₂ supply, sterilization)

Specification

Catagory	Industrial Grade
Appearance	Colorless,transparent liquid
Combustibility	None
odor	Weak peculiar odor
Active oxygen wt %	23.5
Specific gravity (20 °C, g/ml)	1.196
Apparent pH	1.0~2.0
Boiling point °C	114
Freezing point °C	-52
Vapor pressure mmHg 30 °C	
Total Pressure(H ₂ O ₂ + H ₂ O)	18
Partial pressure (H ₂ O ₂)	0.74
Viscosity 20 °C,cP	1.11

Packing

50% : 30kg P.E Can