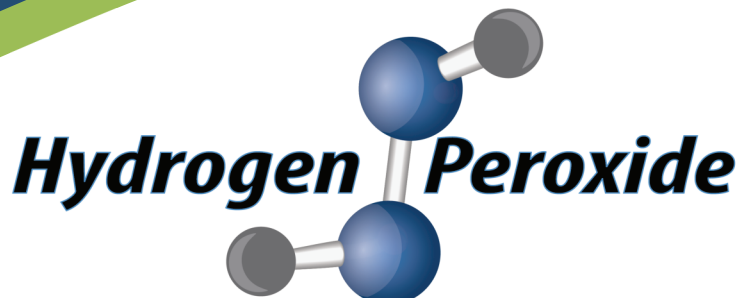


Technical Data Sheet

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CHEMICAL
SOLUTIONS



Hydrogen Peroxide

H₂O₂

Hydrogen Peroxide is a powerful oxidizer used in a broad range of municipal wastewater treatment, odor/corrosion control applications, and also as a disinfectant. Hydrogen Peroxide oxidizes hydrogen sulfide and mercaptans and can be added directly to waste streams where hydrogen sulfide is present or used as a preventive solution. As a corrosion control agent, hydrogen peroxide reacts with sulfur compounds such as sulfites and sulfides, which all contribute to corrosive acids that can be harmful to utility plant infrastructure, concrete, and electrical equipment. Hydrogen Peroxide is also a versatile oxidant because by merely adjusting the conditions in which it's applied (pH, temperature, dose, reaction time) hydrogen peroxide can treat one substance over another.

Directions: For specific application, directions, and dosage rates, contact your CITCO Water representative. Take all precautions and use recommendations on the Safety Data Sheet. **Warning:** Hydrogen Peroxide is considered hazardous. CITCO Water takes all precautions in the bulk and mini bulk delivery and offloading of hydrogen peroxide utilizing certified and licensed HAZMAT drivers with extensive application and handling knowledge.



Applications

- Municipal wastewater treatment
- Industrial wastewater treatment
- Wastewater pretreatment



Applications, Con't.

- Odor/corrosion control
- Hydrogen sulfide removal
- Oxidation
- Collection systems



Availability

Hydrogen Peroxide is available in 5-gallon pails, 55-gallon drums, 330-gallon totes, mini bulk & bulk deliveries.

info@CitcoWater.com
customerservice@CitcoWater.com
800.999.3484

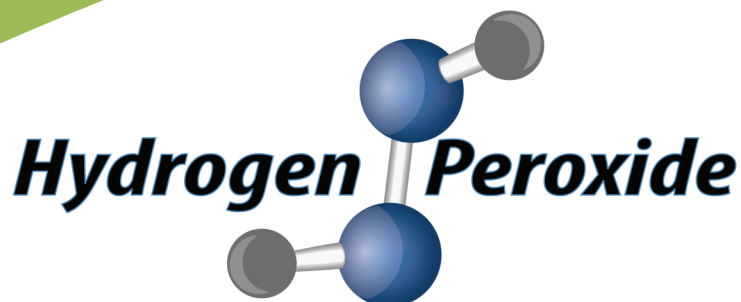
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CHEMICAL
SOLUTIONS



Hydrogen Peroxide

H₂O₂ - Features & Benefits

- Excess H₂O₂ decomposes into oxygen and water
- A better, more cost effective alternative to chlorine
- Reduces BOD/COD of industrial wastewater
- Enhanced physical separation of FOG
- No harmful by-products introduced into waste stream
- Increases dissolved oxygen level of wastewater
- Quick reaction time
- Environmentally friendly
- Extensive application knowledge and hands-on approach from CITCO Water technical consultants and HAZMAT licensed delivery drivers



H₂O₂ - Product Specifications

Concentration	Freezing Point (°F)	Density (lbs/gal)	pH	Active Oxygen (lbs/gal)
H ₂ O ₂ 28%	-9	9.22	1.0 - 4.0	1.09
H ₂ O ₂ 32%	-20	9.34	1.0 - 4.0	1.25
H ₂ O ₂ 35%	-27	9.4	1.0 - 4.0	1.37
H ₂ O ₂ 50%	-62	10	1.0 - 4.0	2.34



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