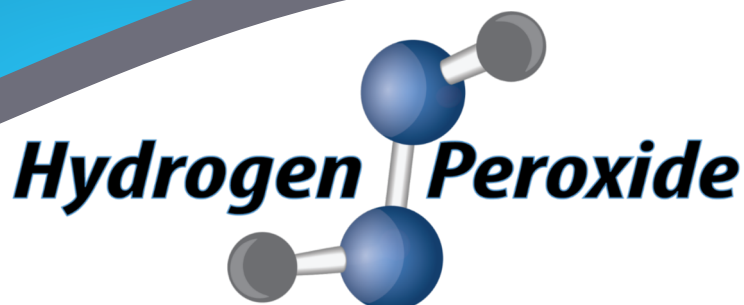


Technical Data Sheet

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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 Aulick representative. Take all precautions and use recommendations on the Safety Data Sheet. **Warning:** Hydrogen Peroxide is considered hazardous. Aulick takes all precautions in the bulk delivery and offloading of hydrogen peroxide.



Professional Delivery

- Extensive application and handling knowledge
- In-house designed chemical feed systems
- Certified/licensed HAZMAT drivers
- Mini bulk and specific storage options available



Applications

- Odor/corrosion control
- Hydrogen sulfide removal
- Oxidation
- Collection Systems
- Municipal and industrial wastewater treatment

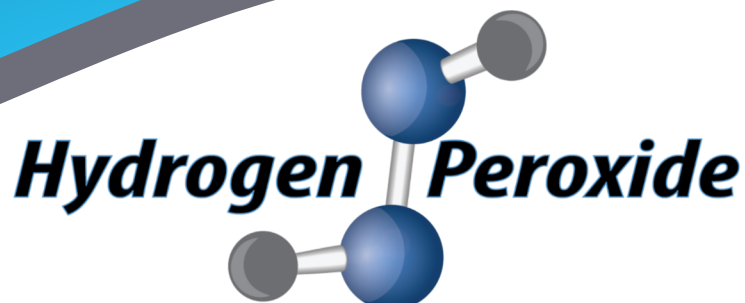


Availability

Hydrogen peroxide is available in 5 gallon pails, 55 gallon drums, 330 gallon totes, and bulk deliveries.

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Hydrogen Peroxide

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 Aulick technical consultants and delivery drivers

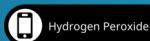


Hydrogen Peroxide Product Specifications

<u>Concentration</u>	<u>Freezing Point (°F)</u>	<u>Density (lbs/gal)</u>	<u>pH</u>	<u>Active Oxygen (lbs/gal)</u>
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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