



HYDROGEN PEROXIDE 35%

PHYSICAL PROPERTIES:

Hydrogen peroxide (H₂O₂) solutions are clear colourless, water-like in appearance and can be mixed with water in any proportion. It has a pungent odour. Molecular weight is 34.02

T-35

Approx. H ₂ O ₂ content, wt%	35
Active oxygen, wt%	16.5
Density @ 20°C (68°F)	
Specific Gravity	1.132
lb/gal	9.45
g H ₂ O ₂ (100%) mL	0.397
Apparent pH	2 - 3
Freezing point, °C	-33
°F	-27
Boiling point, °C	108
°F	226
Vapor Pressure @ 30°C (88°F)	
mm Hg (H ₂ O ₂ + H ₂ O)	23
kPa	3.1
Viscosity (approx.)	
@ 0°C (32 °F) cP	1.81
@ 20 °C (68°F), cP	1.11

USE:

Always use 35% Hydro peroxide in a dilute solution. NEVER use it as a concentrate without diluting it first. To make a 3% solution mix 1 ounce of hydrogen peroxide with 11 ounces of water.

SAFETY AND HANDLING:

Contact of all grades of hydrogen peroxide with the eyes or mucous membrane can result in burns or other serious health effects and requires immediate medical attention.

Hydrogen peroxide is a very reactive chemical and must be handled carefully. Solutions should be stored in their original containers until ready for use, and any material removed from its original container must not be returned to it.