



# KENCRO

## CHEMICALS

### SPECIFICATIONS: HYDROGEN PEROXIDE

| PROPERTIES                            |                                                                                                              |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Appearance                            | Solutions are clear, colourless, water-like                                                                  |
| Odour                                 | At high concentrations has slightly pungent or acidic odour                                                  |
| Molecular Weight                      | 34.02                                                                                                        |
| Chemical Abstracts Service Registry # | 7722-84-1                                                                                                    |
| Notes:                                | Can be mixed with water in any proportion<br>Pure material as well as its aqueous solutions are nonflammable |

| SPECIFICATIONS                                         | 35          | 50          |
|--------------------------------------------------------|-------------|-------------|
| Approximate H <sub>2</sub> O <sub>2</sub> content, wt% | 35.0 – 36.0 | 49.0 – 51.0 |
| Specific Gravity                                       | 1.132       | 1.196       |
| Apparent pH                                            | 2.0 – 3.0   | <3.0        |
| Freezing Point °C                                      | -33°C       | -52°C       |
| Boiling Point °C                                       | 108°C       | 114°C       |
| Vapor Pressure (mmHg)                                  | 23          | 18          |
| Viscosity                                              | 1.81        | 1.87        |

### SAFETY

As with any chemical, Hydrogen Peroxide requires care in handling. It is suggested that anyone involved with the procurement or handling of this chemical be familiar with the appropriate safety and handling precautions. Such information is available on the appropriate material and safety data sheet.

**FOR FIRE, HEALTH, SAFETY, AND FIRST AID INFORMATION, PLEASE REFER TO MSDS**  
**All statements, information, and data presented are believed to be accurate and reliable but are presented without guarantee, warranty or responsibility.**

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