



## HYDROGEN PEROXIDE - Technical Grade

3% w/w

### Technical Data Sheet

#### Introduction

3% hydrogen peroxide (H<sub>2</sub>O<sub>2</sub>) technical grade is usually the most economical grade as disinfectant by destroying essential components of germ cells, and can deactivate a wide range of microorganisms, including bacteria, viruses, fungi, and spores on surfaces.

#### Applications

Technical Grade 3% hydrogen peroxide is effective on all types of microorganisms: it enables surface disinfection treatments with a bactericidal, fungicidal, virucidal, yeasticidal, tuberculocidal and sporicidal efficiency. Spray the aqueous solution and allow it stand for atleast 30 minutes of effectiveness of hydrogen peroxide.

#### Availability

Technical Grade 3% hydrogen peroxide is available in bulk tankers or packed carboys quantities from National Peroxide Limited, Kalyan plant or our distributors.

For more information, or to place an order, please contact National Peroxide Limited, Kalyan +91 251 2278024, 0251 2278076 or visit our website.

#### Composition

Hydrogen peroxide is a clear, colorless, slightly viscous liquid. It is slightly denser than water but is miscible with water in all proportions. The decomposition is normally slow (<2%/yr) with no temperature rise. For additional information, please refer to our brochure, safety data sheet.

3% Hydrogen Peroxide in Aqueous solution: CAS No: 7722-84-1

#### Storage and Handling

- Store hydrogen peroxide in the original vented container, upright, in a cool, ventilated area.
- Never return unused hydrogen peroxide to the storage container.
- When empty, rinse all peroxide containers thoroughly with clean water before discarding.
- Shelf life: 2 years in the original packaging from date of manufacture.

#### Safety

- Persons working with hydrogen peroxide should be familiar with personal protective equipment like gloves, safety goggles, aprons, safety shoes, first aid measures and the proper safety and handling procedures. Consult the Safety Data Sheet (SDS) for appropriate information.

#### First Aid

In case of product splashing into the eyes and face, treat eyes first.

**Before using, read Safety Data Sheet (SDS) for this chemical.**

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