



# H<sub>2</sub>O<sub>2</sub>

## Technical Data Sheet

Hydrogen Peroxide 50%

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## GENERAL DESCRIPTION

**IUPAC NAME:** HYDROGEN PEROXIDE

**CAS NUMBER:** 7722-84-1

**FORMULA:** H<sub>2</sub>O<sub>2</sub>

**MOLECULAR WEIGHT:** 34 G/MOL

**HS CODE:** 28470000

Technical Grade Hydrogen Peroxide (H<sub>2</sub>O<sub>2</sub>) is usually the most economical grade for industrial applications in which inorganic stabilizers are acceptable.

Hydrogen peroxide solutions are clear, colourless liquids, miscible with water in all proportions

## PRODUCTION CAPACITY

DCM Shriram Alkali & Chemical Division Jhagadia, Bharuch Gujarat has a production capacity of 52 KT

## PRODUCT SPECIFICATION

Sr. No	Component	Specification (50%)	Specification (60%)
1	HP Conc (wt%)	50 (Min)	60 (Min)
2	pH	1.5-3.0	1.5-3.0
3	TOC (ppm)	300.0 (Max)	400.0 (Max)
4	Residue (ppm)	800 (Max)	800 (Max)
5	Free Acid (ppm)	400 (Max)	400 (Max)
6	Fe (ppm)	0.5 (Max)	0.5 (Max)
7	Specific Gravity (g/l)	1.180 ~ 1.24	1.24 ~ 1.30
8	Stability (%) 24hours at 60°C	97.0 (Min) of actual conc.	97.0 (Min) of actual conc.

## PACKAGING

H<sub>2</sub>O<sub>2</sub> is packed in the packaging size of -

- 50 kg HDPE Drum
- IBC Container
- ISO Tanks
- Tanker load

## EXCLUSIVE FEATURES

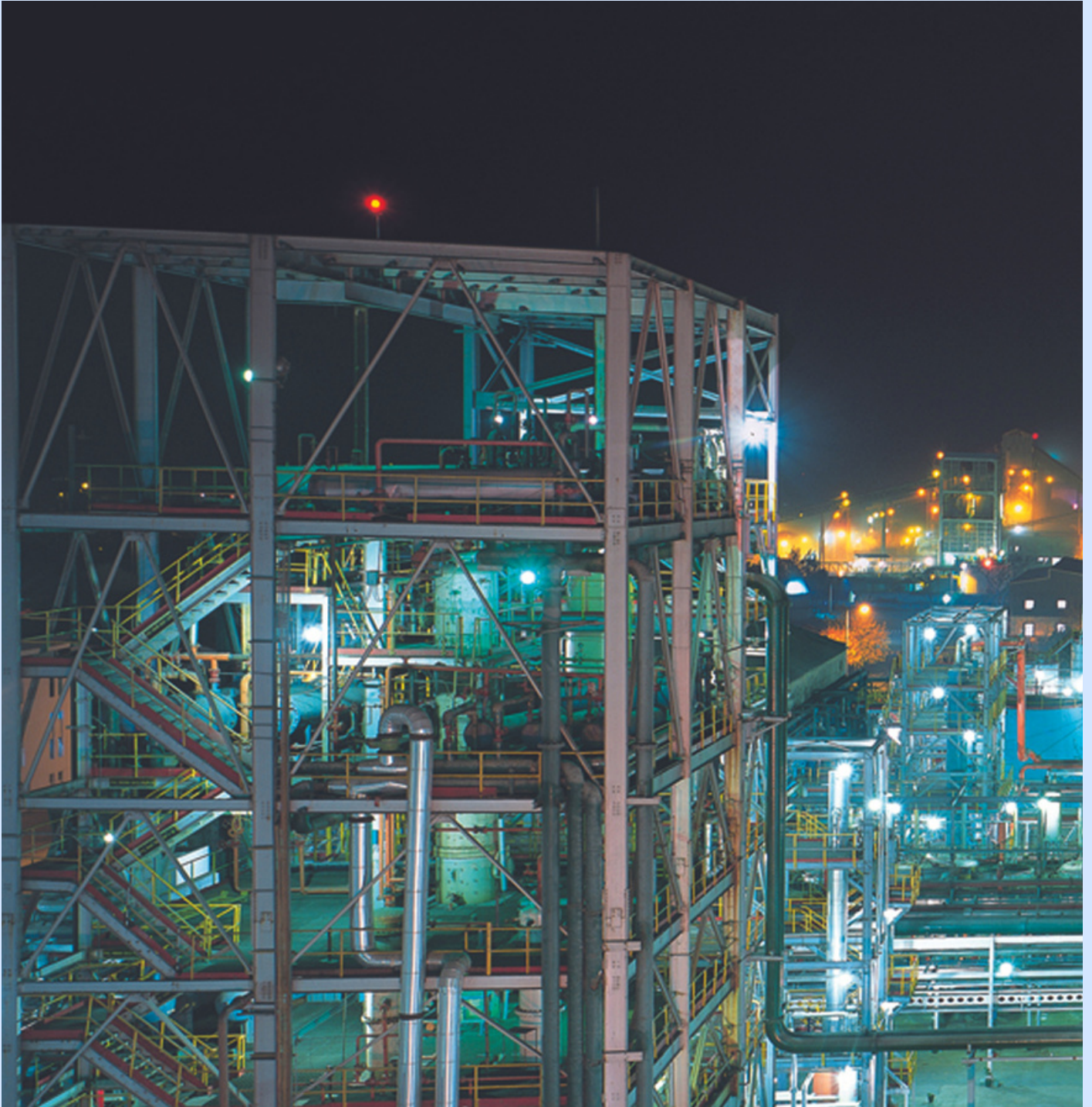
- A transparent, slightly viscous, liquid resembling water in consistency.
- Low impurities with good quality material created with state-of-art technology
- Capable of seamlessly blending with water.
- Primarily generates "ACTIVE OXYGEN" in all relevant processes.

## APPLICATION

- Bleaching Agent for pulp, paper, textiles, sugar, seeds, etc.
- Water Treatment
- Effluent treatment
- Expoxidized Soyabean Oil
- Aromatics
- Chemical reagent for extraction of different metals: Cobalt, Uranium, etc
- Cleaning agent in electronic industry
- Sterilizing Agent in Pharmaceuticals



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