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# HYDROXON POWER

## SUPERIOR BLEACHING AGENT

### The Smart & Safe Substitute for Hydrogen Peroxide

Hydroxon Power is an advanced, stabilized bleaching agent specially developed as a high performance alternative to Hydrogen Peroxide. It delivers powerful bleaching, whitening, and stain removal with enhanced stability, safety and cost efficiency.



#### SAFE & STABLE

Safer to handle and store than Hydrogen Peroxide



#### HIGH PERFORMANCE

Superior bleaching power with excellent results



#### ECO FRIENDLY

Environmentally friendly with lower ecotoxicity



#### COST EFFECTIVE

More economical solution with higher efficiency



#### PRODUCT DESCRIPTION

Hydroxon Power is a stabilized liquid bleaching agent used as an effective substitute for Hydrogen Peroxide in various industrial applications. It offers strong oxidizing and bleaching action with improved stability, making it safer, more convenient and cost effective.

- High stability & long shelf life
- Non explosive & safer handling
- Effective at low temperatures
- Wide application range
- Compatible with most processes

#### CHEMICAL NATURE & PROPERTIES

|                     |                                             |
|---------------------|---------------------------------------------|
| Appearance          | Clear, Colorless to Slightly Yellow Liquid  |
| Odor                | Slight Characteristic                       |
| pH (1% Solution)    | 2.0 – 3.0                                   |
| Active Oxygen       | Min. 9.0%                                   |
| Density (20°C)      | 1.10 – 1.20 g/cm <sup>3</sup>               |
| Solubility in Water | Fully Miscible                              |
| Stability           | Highly Stable under normal conditions       |
| Shelf Life          | 12 Months (When stored in original packing) |

#### COMPARISON WITH HYDROGEN PEROXIDE

| FEATURE         | HYDROXON POWER    | HYDROGEN PEROXIDE     |
|-----------------|-------------------|-----------------------|
| Stability       | Highly Stable     | Less Stable           |
| Safety          | Safe to Handle    | Corrosive, Risky      |
| Storage         | Normal Conditions | Requires Cool Storage |
| Bleaching Power | Superior          | Standard              |
| Decomposition   | Controlled        | Rapid                 |
| Cost            | More Economical   | Expensive             |
| Transport       | Non Hazardous     | Hazardous             |
| Shelf Life      | Up to 12 Months   | Shorter               |

#### APPLICATIONS

- Textile Industry**  
Used in bleaching of cotton, polyester, blends and other fabrics.
- Paper Industry**  
Used in pulp bleaching and paper whitening processes.
- Detergent Industry**  
Used in formulation of detergents and laundry products.
- Water Treatment**  
Used for water disinfection and oxidation processes.
- Other Industries**  
Used in cleaning, sanitation, and various oxidation applications.

#### HOW TO USE

Hydroxon Power can be used in the same way as Hydrogen Peroxide with equal or better results.

| APPLICATION            | DOSAGE              |
|------------------------|---------------------|
| Textile Bleaching      | 1.0 – 3.0 g/L       |
| Pulp & Paper Bleaching | 2.0 – 5.0 g/L       |
| Detergent Formulations | As per formula      |
| Water Treatment        | 5.0 – 15.0 mg/L     |
| General Cleaning       | 1.0 – 5.0% solution |

Note: Optimum dosage may vary depending on application and process conditions.

#### PRODUCT BENEFITS

- ✓ Superior bleaching & whitening performance
- ✓ Safe alternative to Hydrogen Peroxide
- ✓ Non corrosive & easy to handle
- ✓ Long shelf life with high stability
- ✓ Works effectively in wide pH range
- ✓ Cost effective solution for industries
- ✓ Environmentally responsible product

#### HANDLING & STORAGE

- ✱ Store in a cool, dry, well-ventilated area.
- ☼ Keep away from direct sunlight and heat sources.
- 🧑 Use proper PPE: Gloves, Goggles and Protective Clothing.
- ✱ Keep container tightly closed when not in use.
- ⌚ Avoid contact with strong acids, bases and reducing agents.

#### SAFETY INFORMATION

- Non-flammable & Non-explosive.
- Avoid contact with skin, eyes and clothing.
- In case of contact, wash immediately with plenty of water.
- Harmful if swallowed.
- Refer to MSDS for detailed safety information.



CAUTION

#### PACKING

Available Packing:

- 30 KG HDPE Can
- 210 KG HDPE Drum



#### EFFECTIVE pH RANGE

**pH 2.0 – 10.0**

(Optimum Performance at pH 7 – 9)



#### COMPATIBILITY

Compatible with most surfactants, sequestrants, stabilizers and additives used in industrial formulations.



#### WHY CHOOSE HYDROXON POWER?

Hydroxon Power gives you the same or better results as Hydrogen Peroxide with more safety, stability and cost savings. A smart choice for modern industries.

**HYDROXON POWER – POWERFUL BLEACHING, SMARTER CHOICE!**