**Hydrogen Peroxide AS**

**Product Code: 2342012**
**Revised Date: 03/17/2008**

# Hydrogen Peroxide AS

## Description

Hydrogen Peroxide AS is a stabilized oxidant for building robust oxidative cleaning and stripping formulations

## Features and Benefits

- Stable liquid oxygen bleaching alternative
- Chlorine free alternative for cleaning and stain removal
- Does not degrade substrates such as fabric and asphalt shingles like chlorine-based products
- Eliminates odors
- Promotes soil dispersion and inhibits soil redeposition
- Contains unique stabilizing technology that provides significant performance advantages over standard grades of hydrogen peroxide
- Stable under both acidic and alkaline conditions
- Alkyl phenol ethoxylate (APE) free
- Biodegradable

## TYPICAL APPLICATIONS

- All purpose cleaners and degreasers
- Deck and roof wash
- Carpet and laundry cleaners
- Kitchen and bath cleaners
- Transportation care products
- Paint and Metal Strippers



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## TYPICAL PROPERTIES

| | |
|---|---|
| Appearance at 25°C | Clear colorless liquid |
| pH | 1.0 |
| Specific Gravity | 1.11 |
| Density, lbs/gal | 9.26 |
| Approx. Oxygen Content, wt % | 35 |
| Boiling Point, °C | 108 |

## FORMULATION GUIDELINES

- Hydrogen Peroxide AS is stabilized to prevent the decomposition of peroxide into oxygen and water in the presence of heat and certain organic and metallic compounds. However, stability testing with organic compounds including fragrances and surfactants should be undertaken and the exposure to metallic compounds such as iron, chromium, nickel, mercury, cobalt, lead, manganese, tin, and rust, particularly those found in filling lines and containers, should be avoided.
- Care should be taken in handling all hydrogen peroxide containing products. Please read and understand the MSDS prior to use. Hydrogen Peroxide AS and resultant final products can cause ulceration of the cornea and blindness, extreme irritation and inflammation of the nose, throat, and lungs, and bleaching, redness, and blistering of the skin.
- Formulations made with Hydrogen Peroxide AS should be kept at a pH of 9.5 or less to maximize long-term stability.
- All products containing Hydrogen Peroxide AS should be designed to allow for venting of oxygen.



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## AVAILABILITY

Hydrogen Peroxide AS is available in 55-gallon poly drums (500 lbs) and in 330-gallon totes (3,000 lbs).

## WARRANTY

THE QUALITY OF THIS PRODUCT IS GUARANTEED ON SHIPMENT FROM OUR PLANT. IF THE USE RECOMMENDATIONS ARE FOLLOWED, DESIRED RESULTS WILL BE OBTAINED. SINCE THE USE OF OUR PRODUCTS IS BEYOND OUR CONTROL, NO GUARANTEE EXPRESSED OR IMPLIED IS MADE AS TO THE EFFECTS OF SUCH USE, OR THE RESULTS TO BE OBTAINED.



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