

HYDROGEN PEROXIDE

Chemical Information

- Colorless liquid with bitter taste.
- Nonflammable, but is a strong oxidizing agent
- Spontaneous combustion may occur if comes in contact with organic materials.
- Can be highly toxic and irritating, depending on level of concentration.
- EPA registered disinfectant.

Uses

- Medicinal applications and as a bleach for clothes and hair.
- Higher concentrations are used for bleaching textiles and paper; as a component of rocket fuels; and for foam rubber and organic chemical production.

Hazards Identification

ACUTE EXPOSURE:

- Causes irritation at low concentrations to eyes, nose and throat.
- Ingestion may cause vomiting and mild stomach irritation.
- Corrosive to skin, eyes, and mucous membranes at high concentrations.
- Severe systemic poisoning may also cause headache, dizziness tremors, convulsions, pulmonary edema, unconsciousness, and shock.
- May result in bleaching of skin and hair.

CHRONIC EXPOSURE:

- Repeated inhalation may cause chronic irritation of respiratory tract.



For assistance managing exposures to hazardous substances, please call North Carolina Poison Control at 1-800-222-1222.

In case of a life threatening emergency, dial 9-1-1 immediately.



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