

Material Safety Data Sheet

Date Created: December 1, 2006 **Date Reviewed:** November 1, 2009

To Comply with OSHA's Hazardous Communication Standard CFR 1910.1200

IDENTITY (As Used on Label and List)

Pharma-C-Wipe, 3% Hydrogen Peroxide USP

Section 1 – Chemical Product and Company Identification

Synonyms: Hydrogen Dioxide Solution, 3%; Hydrogen Peroxide Topical Solution U.S.P.

CAS No.: 7722-84-1

Molecular Weight: 34.01

Chemical Formula: H₂O₂ in aqueous solution (3%)

Manufacturer's Name:

CUSTOM MANUFACTURED PRODUCTS

P.O. Box 6648, Greenville, SC 29606-6648

(864)527-9715

Emergency Telephone Number: (800)424-9300 CHEMTREC

Section 2 – Composition/Information on Ingredients

<u>Composition</u>	<u>CAS No.</u>	<u>Nominal Vol./ Vol%</u>	<u>TLV/PEL</u>	<u>Hazardous</u>
Water	7732-18-5	97	N.E	No
Hydrogen Peroxide USP	7722-84-1	3	1 PPM	Yes

Section 3 – Hazards Identification

HMIS Rating

Health 1
Flammability 0
Reactivity 1

NFPA Rating

Health 1
Flammability 0
Reactivity 1

Potential Health Effects:

Health Hazards (Acute and Chronic): None currently known.

Eyes: Causes irritation, redness, and pain. Flush with copious amounts of water for at least 15 minutes.

Skin: Wash skin with soap and water. May cause skin irritation.

Inhalation: May cause irritation. If inhaled, remove to fresh air.

Ingestion: Wash out mouth with water if person is conscious. Large doses will cause irritation and blistering of mouth and throat. May also cause abdominal pain, vomiting, and diarrhea.

Section 4 – First Aid Measures

Eyes: In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes. Get medical attention immediately.

Skin: Wash skin with soap and copious amounts of water. Seek medical attention if irritation develops.

Inhalation: If inhaled, remove to fresh air.

Ingestion: Give several glasses of water to dilute. If large amounts were swallowed, get medical attention.

Section 5 - Fire and Explosion Hazard Data

Special Fire Fighting Procedures: Use self-contained breathing apparatus. Wear full protective clothing. Use water spray to cool fire-exposed containers and structures. Substance may decompose upon heating to produce irritating, corrosive and/or toxic fumes.

Extinguishing Media: Use any means suitable for extinguishing surrounding fire.

Fire: Not considered to be a fire hazard. Concentrated hydrogen peroxide (30%) is a strong oxidizer, but diluted it does not present that hazard.

Explosion: Not considered to be an explosion hazard.

Flash Point (TCC): N/A

Flammable Limits: N/A

Lower Explosion Limits: N/A

Upper Explosion Limits: N/A

Section 6 - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled: Ventilate area of leak or spill. Contain and recover liquid when possible. Collect liquid in an appropriate container or absorb with an inert material (e.g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as saw dust. Small amounts of residue may be flushed to sewer with plenty of water.

Handling and Storage: Store in a cool, well-ventilated dark area. Protect from freezing. Isolate from incompatible substances. Protect container from physical damage. Containers of this material may be hazardous when empty since they retain product residues; observe all warnings and precautions listed for the product.

Section 7 – Exposure Controls/Personal Protection

Ventilation: Special, local ventilation is needed at points where vapors or mists are expected to escape to the workplace air. Use in well-ventilated areas.

Protective Gloves: Consult the glove manufacturer for the most appropriate glove material.

Eye Protection: Chemical safety goggles.

Other: Eye bath and safety shower. Wear protective clothing to prevent repeated or prolonged contact. Wear chemically resistant shoes or boots. Decontaminate clothing before reuse.

Section 8 – Physical and Chemical Properties

Appearance: Clear liquid

Odor: Slight

Solubility in Water: Highly Soluble

% Volatiles by Volume at 21 °C (70 °C): 100

Boiling Point: 100 °C (212 °C)

Melting Point: 0°C (32 °F)

Specific Gravity: 1.0

pH: N/A

Vapor Density (AIR = 1): > 1.00

Vapor Pressure (mm Hg): 23.3 mmHg at 30 °C

Evaporation Rate (Butyl Acetate = 1): N/A

Section 9 – Stability and Reactivity Data

Stability: Stable under ordinary conditions of use and storage.

Hazardous Decomposition or Byproducts: Oxygen that will support combustion.

Conditions to Avoid: Heat, light.

Incompatibility (*Materials to Avoid*): Heat. Reducing agents. Wood, paper and other combustible organic materials. Metal compound and surface active materials.

Hazardous Polymerization: Will not occur.

Section 10 – Toxicological Information

CAS No. 7732-18-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

CAS No. 7722-84-1: Not listed as carcinogenic according to ACGIH, IARC, NTP or OSHA.

Section 11 – Ecological Information

Environmental Toxicity: None currently known.

Section 12 – Disposal

Waste Disposal Method: Dilute with water and flush to sewer if local laws allow, otherwise, dispose in accordance with all federal, state, and local regulations. Dispose of spilled, neutralized, or waste product, contaminated soil and other materials in accordance with all federal, state and local regulations.

Section 13 – Transportation

Not regulated.

Section 14 – Regulatory Information

CAS #7722-84-1 can be found on the following state right to know lists from CA, PA, MN, MA, FL, or NJ.

California Prop 65 – No significant risk level.

Section 15 – Other Information

Disclaimer: This MSDS is provided by Custom Manufactured Products as a courtesy to its customers. The above information is believed to be accurate and represents the most current information that is available to us, and should be used only as a guide. Individuals receiving this information must use independent judgment in determining its appropriateness for a particular purpose.