



Humco Holding Group, Inc.
 7400 Alumax Dr
 Texarkana TX 75501 USA
 800-662-3435
 cs@humco.com
 www.humco.com

24-Hour Emergency Number (CHEMTREC)
 USA- 800-424-9300
 International – 703-527-3887

All non-emergency calls should be directed to
 Customer Service at 800-662-3435

NAME: HYD. PEROXIDE TOPICAL SOLN 3% USP SDS NO. 1113

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Hydrogen Peroxide Topical Solution 3%

Synonyms: 3% Hydrogen peroxide solution

Recommended Use: Used as an antiseptic to help prevent infection in minor cuts, scrapes, and burns.

Manufacturer by: Humco Holding Group, Inc.

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2. HAZARD IDENTIFICATION

Pictogram:	
Classification:	Skin Irritation (Category 2) Serious eye damage (Category 1)
Signal Word:	Danger
Hazard Statements:	Causes skin irritation. Causes serious eye damage.

3. COMPOSITION / INGREDIENTS

CHEMICAL NAME	CAS#
HYDROGEN PEROXIDE	7722-84-1
PURIFIED WATER	7732-18-5

The exact percentage has been withheld as a trade secret

4. FIRST-AID MEASURES

ROUTE	COMMON SYMPTOMS	FIRST AID
Inhalation	Dizziness, trouble breathing	Remove source of contamination or move victim to fresh air. If affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion	Vomiting, cramps, stomach irritation	Never give anything by mouth to an unconscious person. Rinse mouth with a lot of water. Seek medical attention or advice.
Skin	May cause dermal irritation	If irritation occurs, wash with soap and water. If irritation persists, get medical attention.
Eyes	May cause eye irritation	Immediately flush eyes with water for at least 15 minutes while holding eyelids open. Continue rinsing eyes during transport to hospital.

5. FIRE-FIGHTING MEASURES

Flash Point:	Not flammable
Auto Ignition:	Not determined
Extinguishing Media:	Use methods appropriate for the surrounding fire. Consider water spray or plenty of water.
Products of Combustion:	Not determined
Fire Fighting Equipment and Procedures:	Wear protective clothing and equipment suitable for the surrounding fire, including helmet, facemask, and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Read entire label before using and follow all label directions. Avoid breathing vapors, mist or gas. Evacuate personnel to safer areas.
Environmental Precautions:	Prevent discharge to open waters.
Method of Containment:	Absorb spilled liquids in suitable inert material such as clay, vermiculite or diatomaceous earth.
Method for Clean-Up:	Ventilate area of spill or leak. Wash affected area with large amount of water. Pump up the spilled material to an approved container.

7. HANDLING AND STORAGE

Handling:	Do not take internally. Do not consume food, drink or smoke while handling this product. Do not breathe gas/fumes/vapors/spray. Avoid contact with eyes. Wear suitable protective equipment. Keep out of reach of children.
Storage:	Keep containers tightly closed in and at controlled room temperature 15 – 30 °C (59 – 86 °F). Do not shake. Keep incompatibles away from the material such as acids, alkalis reducing agents, and combustibles. Light sensitive.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls:	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.
Personal Protective Equipment (PPE)	
Eye/Face Protection:	Safety goggles or face shield is recommended
Skin Protection:	Wear adequate clothing including lab coat and rubber/nitrile gloves.
Respiratory Protection	Use approved or certified respirator or equivalent to avoid vapor exposure.
General Hygiene Considerations:	Wash hands after handling the material. Avoid vapors.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear , colorless liquid	Upper/Lower Flammability:	Not determined
Odor:	Not determined	Vapor Pressure	23.3 mmHg at 30 °C
Odor Threshold:	Not determined	Vapor Density:	Not determined
pH:	Not determined	Relative Density:	1.00 g/cm ³ (water=1.00)
Melting point /Freezing Point:	Not determined	Solubility in water	Soluble in cold water, diethyl ether
Boiling point/range:	214 °F	Partition coefficient: n-octanol/water:	Not determined
Flash point	Not determined	Auto-ignition temperature	Not determined
Evaporation rate	Not determined	Decomposition Temperature:	Not determined
Flammability:	Not flammable	Viscosity	Not determined

10. STABILITY AND RACTIVITY

Reactivity:	Not determined
Chemical Stability:	Stable under normal ambient temperatures (70°F)
Possibility of Hazardous reactions:	Not determined.
Conditions to Avoid:	Freezing and extreme heat, light, combustible materials, incompatibles materials
Incompatible materials:	Slightly reactive with reducing agents, combustible materials, organic materials, powdered metals, Zinc, Iron, Copper, Nickel, Brass, Iron, Iron Salts, acids, and alkalis.
Hazardous Decomposition Products:	May produce hazardous vapors

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	Not determined.
Skin irritation:	Not determined.
Eye contact damage:	Not determined.
Respiratory damage:	Not determined.
Ingestion overdose:	Liquid may be irritating mucous membranes and gastric system. Harmful if swallowed.
Delayed, immediate, or chronic effects from short- and long-term exposure	Not determined.
LD50	Not determined.
Symptoms associated with exposure:	Not determined.
Carcinogenicity:	
OSHA:	Not listed
NTP:	Not listed
IARC:	Not listed

12. ECOLOGICAL INFORMATION

Acute or chronic aquatic toxicity:	Not determined.
Chemical degradation:	Not determined.
Biodegradation:	Not determined.
Bioaccumulation potential	Not determined.
Adsorption studies or leaching studies:	Not determined.
Other adverse effects	Not determined.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with federal, state and local laws and regulations. Avoid release into environment.

14. TRANSPORT INFORMATION

DOT Hazard Classification:	Non-Hazardous
UN number:	Not applicable
UN proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable
Packing group number:	Not applicable
Environmental hazards:	Not applicable
Special precautions:	Avoid extreme heat

15. REGULATORY INFORMATION

Not determined

16. OTHER INFORMATION

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