

Humco Holding Group, Inc.
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Texarkana, TX 75504
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Item #0395-1113

HYDROGEN PEROXIDE 3% SOLUTION

DATE ISSUED: 01/11/00

SECTION I HAZARDOUS PRODUCT/INGREDIENT PER 20 CFR 1910.1200

NO.	COMPOSITION	CAS NUMBER	PERCENT
P	Hydrogen Peroxide 3% Sol.	Mixture	100%
1	Hydrogen Peroxide	7722-84-1	3%

SECTION II ACUTE TOXICITY DATA

NO.	ACUTE ORAL LD50	ACUTE DERMAL LD50
NA	NA	NA

SECTION III PHYSICAL DATA

Boiling Point: (Deg F) 214°F **Melting Point:** (Deg F) N/A
Specific Gravity: (H₂O=1) 1.00 **Solubility:** (In water) complete
Vapor Pressure: (mm Hq) 10.1 at 30°C **Vapor Density:** (Air=1) Unknown
Evaporation Rate (N-Butyl Acetate=1): Less than water

Appearance and Odor: Colorless, odorless, liquid, slightly acid.

SECTION III A DEGREE OF HAZARD

Degree of Hazard

4 - Extreme	Flammability	0
3 - High	Health	0
2 - Moderate	Reactivity	2
1 - Slight	Special Hazard	0
0 - Insignificant		

SECTION IV FIRE AND EXPLOSION HAZARDS

Flash Point and Method: N/A Tag Open Cup

Extinguishing Media: Any tank surrounded by fire should be flooded with water for cooling.

Special Firefighting Procedures and Precautions: Hydrogen Peroxide in this concentration is considered a mild oxidizer.

Unusual Fire and Explosion Hazards: Decomposition releases oxygen which may intensify fire.

Flammable Limits/% Volume in Air: Lower: N/A Upper: N/A

SECTION V HEALTH HAZARD INFORMATION

OSHA PEL/TWA	N/A
OSHA PEL/CEILING	N/A
ACGIN TLV/TWA	N/A
ACGIN TLV/STEL	N/A

Inhalation: N/A

Skin Contact: May cause mild skin irritation.

Skin Absorption: May cause mild skin irritation.

Eye Contact: Irritating to the eye.

Ingestion: N/A

SECTION VI EMERGENCY AND FIRST AID PROCEDURES

Eyes: Immediately flush with large amounts of water for at least 15 minutes. Seek medical attention.

Skin: Wash thoroughly with water.

Inhalation: Remove victim to fresh air. Obtain medical attention.

Ingestion: If swallowed, drink plenty of water or milk immediately to dilute. Do not induce vomiting, seek medical attention.

SECTION VII

REACTIVITY

Stability: Slightly unstable.

Hazardous Polymerization: Will not occur.

Conditions and Materials to Avoid: Containers are to be stored in a cool environment. Keep away from excessive heat. This product in greater concentrations is incompatible with reducing agents, rust, dirt, organic materials with a pH above 4.

Hazardous Decomposition Products: N/A

SECTION VIII

EMPLOYEE PROTECTION

Respiratory Protection: No special precautions.

Protective Clothing: No special precautions, unless user has sensitive skin, then gloves should be worn.

Eye Protection: This product is not intended for eye usage. Will cause moderate irritation. In the event of eye contact, flush at least 15 minutes with water, seek medical attention.

SECTION IX

ENVIRONMENTAL PROTECTION

Spill or Leak Procedures: Dilute with large amounts of water and if possible direct solution to dike area and hold until decomposed. Dispose in accordance with local environmental regulations.

Waste Disposal: Dilute with large amounts of water. If local regulations permit, wash to sewer. If local regulations do not permit waste to go to sewer, treat as directed by local agency.

Environmental Hazards: Under E.P.A./CERCLA (Superfund), releases to air, land, or water may be reportable to the National Response Center, 1-800-424-8802. (Circumstances surrounding the release and clean-up determine reportability).

SECTION X

SPECIAL PROTECTION INFORMATION

Ventilation Requirements: Exhaust fans. NIOSH approved for severe vapor exposure.

Other Clothing and Equipment: Eye wash fountains.

Eye: Chemical goggles.

Skin: No special precautions, unless user has sensitive skin, then gloves should be worn.

SECTION XI TRANSPORTATION DATA

HAZARDOUS CHARACTERISTICS: None

D.O.T. Classifications: None