

Humco Holding Group, Inc.  
7400 Alumax Drive  
Texarkana, TX 75504  
903-334-6200

Item #0395-1113

**HYDROGEN PEROXIDE 3% SOLUTION**

**DATE ISSUED: 04/10/07**

**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:** (H<sub>2</sub>O=1) 1.00      **Solubility:** (In water) complete

**Vapor Pressure:** (mm Hg) 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		

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SECTION IVFIRE AND EXPLOSION HAZARDS

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**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

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SECTION VHEALTH HAZARD INFORMATION

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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

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SECTION VIEMERGENCY AND FIRST AID PROCEDURES

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**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.

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SECTION VII

REACTIVITY

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**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

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SECTION VIII

EMPLOYEE PROTECTION

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**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.

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SECTION IX

ENVIRONMENTAL PROTECTION

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**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).

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SECTION X

SPECIAL PROTECTION INFORMATION

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**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.

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**SECTION XI            TRANSPORTATION DATA**

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**HAZARDOUS CHARACTERISTICS:** None

**D.O.T. Classifications:** None