

centaur

ANIMAL HEALTH

Material
Safety
Data
Sheet

3% Hydrogen Peroxide

(di-hydrogen dioxide)

Olathe, KS Tel: 913-390-6184

Emergency phone: 800 424 9300 (Chemtrec)

1. Product Identity

NFPA Rating: Health 0, Flammability 1, Reactivity 0 Special 0
HMIS Rating: Health 2, Flammability 1, Physical 0, Reactivity, 0

Product Name: 3% Hydrogen Peroxide
Product Number: 25
Prepared by: Marlena Richardson
Date Created: 06/26/2014
Last Revision: 05/14/2014
DOT Class: Not a DOT Controlled material
Hazard Class: N/A
UN Number: N/A
Package code: N/A
Shipping Name: Not regulated.

2. Hazardous Ingredients

Hydrogen Peroxide: CAS: 7722-84-1
OSHA TWA: 1ppm
ACGIH TLV: 1ppm

3. Physical Characteristics

Weight%: Hydrogen Peroxide: 3%
Water: 97%
Appearance: Colorless Liquid
Odor: Odorless
Specific Gravity: 1 @ 25 C°
pH: Not Available
Boiling point: 100°C
Vapor Pressure: N/A
Evaporation Rate: Not applicable
Solubility in Water: Cold water & hot water

4. Fire and Explosion

Flash Point: Not Flammable

5. Reactivity Data	<p>Extinguishing Media: Any means suitable for extinguishing surrounding fire</p> <p>Unusual Fire/Explosion Hazards: Oxidizer. Contact with combustible materials may cause a fire.</p>
	<p>Stability: Stable at room temperature</p> <p>Incompatibility: Flammables, combustibles, cyanides, acids, permanganates, reducing agents, metals, metal oxides.</p> <p>Corrosivity: N/A</p> <p>Hazardous polymerization: Will not occur.</p> <p>Special Remarks on Reactivity: Will decompose to hydrogen and Oxygen</p>
6. Health Hazard Data	<p><u>Acute Health Effects</u></p> <p>Eye Contact: Irritation, redness, pain.</p> <p>Ingestion: Large oral doses may cause irritation and blistering to the mouth, throat & abdomen. May also cause abdominal pain, vomiting and diarrhea.</p> <p>Inhalation: Not expected to be a health hazard under normal conditions</p> <p>Skin Contact: No adverse effects expected on intact skin, Contact on burn or open skin may cause stinging pain or irritation.</p>
	<p><u>Chronic Health Effects:</u></p> <p>N/A</p>
	<p><u>Emergency First Aid Procedures</u></p>
	<p>Eye Contact: Check for and remove contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Get medical attention</p>
	<p>Inhalation: Not expected to require first aid measures</p>
	<p>Ingestion: Give several glasses of water to drink to dilute. If large amounts were consumed, get medical advice.</p>
<p>Skin Contact: Not expected to require first aid measures. Wash area with soap and water. Get medical advice if irritation develops.</p>	

7. Spill or leak procedures	<u>Steps to take in case of spill, leak or release:</u> Ventilate area of leak or spill. Wear appropriate personal protective equipment. 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
	<u>Waste disposal method:</u> Follow all local, state and federal regulations. <u>Other precautions:</u> Keep container tightly closed when not using. Store in dark, cool ventilated area. Protect from freezing. Isolate from incompatible substances. Protect container from physical damage. Containers of this material can be hazardous when empty since they retain product residues. <u>Ventilation:</u> Not expected to require personal respirator usage. If the exposure limit is exceeded, wear a supplied air, full face respirator, air-lined hood or full face piece self-contained breathing apparatus <u>Protective clothing or equipment:</u> Splash goggles, lab coat, gloves <u>Work or Hygienic Practices:</u> Use good personal hygiene when handling this product. Wash hands after use, before smoking or eating, and before using the toilet. No additional information is available at this time.
8. Control Measures	5 HyPrecautions: General exhaust Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.
	9. Additional Information