

**Material Safety Data Sheet**

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

**U.S. Department of Labor**  
Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072



IDENTITY (As Used on Label and List)  
**Hydrogen Peroxide 10 Volume 3%**

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

**Section I**

Manufacturer's Name <b>Diamond Drug Inc. DBA Divina Products</b>	Emergency Telephone Number <b>800-424-9300 / 609-924-6677</b>
Address (Number, Street, City, State, and ZIP Code) <b>278 Washington Avenue</b>	Telephone Number for Information <b>203-934-7969</b>
<b>West Haven, Connecticut 06516</b>	Date Prepared <b>August 21, 1989</b>
	Signature of Preparer (optional)

**Section II — Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
<b>Peroxygen</b>				
<b>Hydrogen Peroxide 3% Solution Oxidizer</b>				
<b>Hydrogen Peroxide 3%</b>				
<b>Water 97%</b>				
<b>CAS # 7722-84-1</b>				
<b>H2O2</b>				

**Section III — Physical/Chemical Characteristics**

Boiling Point <b>126C</b>	<b>255F</b>	Specific Gravity (H <sub>2</sub> O = 1) @20C/4C	<b>1.29</b>
Vapor Pressure (mm Hg.) @30C	<b>10.1</b>	Melting Point	<b>-40F</b>
Vapor Density (AIR = 1) <b>N/AV</b>		Evaporation Rate (Butyl Acetate = 1)	<b>Less than Water</b>
Solubility in Water <b>100%</b>			

Appearance and Odor

**Clear, colorless liquid - odorless**

**Section IV — Fire and Explosion Hazard Data**

Flash Point (Method Used) <b>Non-Flammable</b>	Flammable Limits <b>None</b>	LEL <b>None</b>	UEL <b>None</b>
Extinguishing Media <b>Water</b>			

Special Fire Fighting Procedures Any tank or container surrounded by fire should be flooded with water for cooling. If Hydrogen Peroxide is leaking wear full protective clothing and use a NIOSH certified self contained breathing apparatus.

Unusual Fire and Explosion Hazards

**Hydrogen peroxide is a strong oxidizer. Decomposition releases oxygen which may intensify fire.**

(Reproduce locally)

N/AP Non Applicable N/AV Not Available

Section V — Reactivity Data

Stability	Unstable X	Conditions to Avoid Excessive heat, contamination of any kind.
	Stable	
Incompatibility (Materials to Avoid) Iron and other heavy metals, galvanized iron, coppers, copper alloys, rust, dirt, wood, paper or other combustables.		
Hazardous Decomposition or Byproducts Oxygen which supports combustion.		
Hazardous Polymerization	May Occur	Conditions to Avoid
	Will Not Occur X	

Section VI — Health Hazard Data

Route(s) of Entry:	Inhalation? X	Skin? X	Ingestion? X
Health Hazards (Acute and Chronic) Severe irritant to eyes, nose, throat and lungs. Direct contact with eyes may cause corneal damage. Inhalation of mist will cause irritation of lung, throat and nose that usually subsides.			
Cardinogenicity:	NTP? NO	IARC Monographs? Yes	OSHA Regulated? NO

Signs and Symptoms of Exposure Eyes and skin-causes burning, tearing and redness, ingestion-swallowing may result in toxic effects. Inhalation-coughing, shortness of breath and dizziness.

Medical Conditions Generally Aggravated by Exposure

N/AV

Emergency and First Aid Procedures Eyes-Immediately flush with large amounts of water for at least 15 minutes. Skin-wash thoroughly with water. Inhalation-move victim to fresh air. Ingestion-drink plenty of water. Do not induce vomiting. In all cases seek emergency medical attention immediately!

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled Dilute with a large volume of water and flush to sewer if local environmental regulations permit.

Waste Disposal Method Consult a disposal expert and ensure conformity to local regulations.

Precautions to Be Taken in Handling and Storing Avoid excessive heat. Hydrogen Peroxide should not be stored in an unvented container. Never return unused Hydrogen Peroxide to the original container.

Other Precautions Empty drums should be rinsed with water before discarding. Utensils should be of compatible materials.

Section VIII — Control Measures

Respiratory Protection (Specify Type) Use Miosh self-contained breathing apparatus.

Ventilation	Local Exhaust as necessary	Special N/A
	Mechanical (General) As necessary	Other N/A

Protective Gloves Liquid proof rubber or Neoprene Eye Protection Cup type chemical goggles and/or full (face mask)

Other Protective Clothing or Equipment Rubber footwear, polyester acrylic full cover clothing.

Work/Hygenic Practices N/A