



**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) **OXY-TG**

**Hazard:** (Based on HMIS Standard), **Health: 1**    **Flammability: 0**    **Reactivity: 1**  
**Hazard Index:** Minimal: 0, Slight: 1, Moderate: 2, High: 3, Extreme: 4

**Section I**

Manufactured for: Apeiron by Betco Corporation	Emergency Telephone Number Chemtrec (800)424-9300
Address: Betco Corporation 1001 Brown Avenue Toledo, OH 43607	Telephone Number for Information 419-241-2156
	Date Prepared 8/20/08

**Section II—Information on Ingredients**

Components & Information on Ingredients	CAS #	% by Weight	Exposure Limits	LC <sub>50</sub> /LD <sub>50</sub>
Hydrogen Peroxide	7722-84-1	1-5	Not available.	Not available.

**Section III—Physical/Chemical Characteristics**

Boiling Point	212°F initial	Specific Gravity (H <sub>2</sub> O = 1)	1.002 (Water = 1)
Vapor Pressure (mm Hg)	>1	Melting Point	Not available.
Vapor Density (AIR = 1)	>1	Evaporation Rate	Not available.

Solubility in Water  
Soluble in cold water, hot water.

Appearance and Odor  
Liquid. Minty. Water White.

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

Flash Point (Method Used): CLOSED CUP: >98.889°C (210°F).	Flammable Limits: Not available.	LEL Not available.	UEL Not available.
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Extinguishing Media  
SMALL FIRE: Use DRY chemical powder.  
LARGE FIRE: Use water spray, fog or foam. Do no use water jet.

Special Fire Fighting Procedures  
Not available.

Unusual Fire and Explosion Hazards  
Not available.  
(Reproduce locally)

OSHA 174 Sept. 1985

**Section V—Reactivity Data**

Stability This product is stable.	Conditions to Avoid Not available.
Incompatibility (Materials to Avoid) Slight reactive with oxidizing agents, reducing materials.	Hazardous Decomposition or Byproducts Not available.
Hazardous Polymerization Not available.	Conditions to Avoid Not available.



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**Section VI—Health Hazard Data**

Route(s) of Entry Absorbed through skin. Eye contact. Inhalation. Ingestion.

Health Hazards (*Acute and Chronic*)

**Eyes:** Hazardous in case of eye contact (irritant). **Skin:** Slightly hazardous in case of skin contact (irritant). **Inhalation:** Slightly hazardous in case of inhalation. **Ingestion:** Slightly hazardous in case of ingestion.

Carcinogenicity	NTP Not classified or listed by NTP	IARC Monographs Not classified or listed by IARC	OSHA Regulated Not classified or listed by OSHA
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Potential Acute Health Effects

Hazardous in case of eye contact (irritant). Slightly hazardous in case of skin contact (irritant), of ingestion of inhalation. Non-corrosive for skin. Non-sensitizer for skin. Non-permeator by skin. Non-corrosive to the eyes.

Medical Conditions Generally Aggravated by Exposure

Repeated or prolonged exposure is not known to aggravate medical condition.

Emergency and First Aid Procedures

**Eye Contact:** Avoid contact with eyes. Flush with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Seek medical attention. **Skin Contact:** After contact with skin, wash immediately with plenty of water. Seek medical attention, if irritation persists. **Inhalation:** Allow the victim to rest in a well-ventilated area. **Ingestion:** Do not induce vomiting. Have conscious person drink several glasses of water. Seek immediate medical attention. NEVER give an unconscious person anything to ingest.

**Section VII—Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material Is Released or Spilled

**Small Spill & Leak:** Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. **Large Spill & Leak:** Absorb with an inert material and put the spilled material in an appropriate waste disposal. **Personal protection in case of a large spill:** Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient, consult a specialist BEFORE handling this product.

Waste Disposal Method

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Precautions to Be Taken in Handling and Storing

**Precautions:** Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk; evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/vapor/spray. Avoid contact with eyes. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or the label. **Storage:** Keep away from direct sunlight or strong incandescent light. Keep away from heat, sparks and flame. Keep away from incompatibles. Use with adequate ventilation.

Other Precautions

Slightly reactive with oxidizing agents, reducing materials.

**Section VII—Control Measures**

Respiratory Protection (*Specify Type*)

A respirator is not needed under normal and intended conditions of product use.

Ventilation Good general ventilation should be sufficient to control airborne levels.

Protective Gloves Wear impervious gloves.

Eye Protection Wear safety glasses.

Other Protective Clothing or Equipment No special recommendations.