

# Material Safety Data Sheet

OXYGONE

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## SECTION I – Product/Company Identification

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**1.1 Product Trade Name:** OXYGONE  
**1.2 Part (Item) Number:**  
**1.3 Division Name:** COSMEDENT Inc.  
**1.4 Address:** 401 North Michigan Avenue  
Chicago, IL 60611  
**1.5 Emergency Telephone Number:**  
**1.6 Telephone Number for Information:** (312) 644-9586  
**1.7 Date Prepared:** 11-18-2003

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## SECTION II – Hazardous Ingredients/Identity Information

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<u>Hazardous Components</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Other Limits</u>
1,2-Propanediol	N.E.	N.E.	
Glycerol	N.E.	N.E.	

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## SECTION III – Physical/Chemical Characteristics

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**3.1 Boiling Point:** 100°C beginning  
**3.2 Vapor Pressure:** 10 mbar  
**3.3 Vapor Density:** N.E.  
**3.4 Solubility in Water:** soluble  
**3.5 Appearance and Odor:** transparent gel with sweet odor  
**3.6 Specific Gravity:** 1,2 g/cm<sup>3</sup>  
**3.7 Melting Point:** - 10°C  
**3.8 Evaporation Rate:** N.E.

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## SECTION IV – Fire and Explosion Hazard Data

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**4.1 Flash Point:** 105°C  
**4.2 Flammability (explosive limits):** 410°C  
**LEL:** 2,6 %      **UEL:** 12,6 %  
**4.3 Extinguishing Media:** Water spray, Carbon dioxide, foam  
**4.4 Special Fire Fighting Procedures:** Fire fighter should wear full protective clothing including a self contained breathing apparatus  
**4.5 Unusual Fire and Explosion Hazards:** During a fire, irritating gases from the decomposition may be present

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## SECTION V – Reactivity Data

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**5.1 Stability:**      **Unstable:**      **Stable:** X  
**5.2 Condition to Avoid (Stability):** Temperatures greater than 100°C  
**5.3 Incompatibility (Materials to Avoid):** Strong oxidizing agents  
**5.4 Hazardous Decomposition or Byproducts:** Irritating gases, CO and CO<sub>2</sub>  
**5.5 Hazardous Polymerisation:**      **May Occur:**      **Will not Occur:** X  
**5.6 Conditions to Avoid (Polymerisation):** Not polymerisable

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## SECTION VI – Health Hazard Data

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<b>6.1 Route(s) of Entry:</b>	<b>Inhalation?:</b> No	<b>Skin?:</b> Yes	<b>Ingestion?:</b> Possible
<b>6.2 Health Hazards (Acute and Chronic):</b>			
<b>Eyes:</b>	Material can cause slight irritation.		
<b>Skin:</b>	Material can cause slight irritation.		
<b>Ingestion:</b>	Material is probably not harmful if swallowed.		
<b>6.3 Carcinogenicity:</b>	<b>NTP?:</b>	<b>IARC Monographs?:</b>	<b>OSHA Regulated?:</b>
	Not listed	Not listed	No
	All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic substances Control Act (TSCA) Chemical Substance Inventory.		
<b>6.4 Signs and Symptoms of Exposure:</b>	Dermal redness or irritation.		
<b>6.5 Medical Conditions Generally Aggravated by Exposure:</b>	Open sores and wounds of the skin.		
<b>6.6 Emergency First Aid Procedures:</b>			
<b>Inhalation:</b>	Fresh air		
<b>Eyes:</b>	In case of eye contact, flush with flowing water.		
<b>Skin:</b>	Wash skin with soap and water.		
<b>Ingestion:</b>	If swallowed give 2 glasses of water to drink. See a physician.		

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## SECTION VII – Precautions for Safe Handling and Use

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<b>7.1 Steps to Be Taken in Case Material is Released or Spilled:</b>	Scoop bulk material and place in a labeled plastic or metal container. Avoid gross skin contact .
<b>7.2 Waste Disposal Methods:</b>	Dispose of in accordance with Federal, State and Local environmental control regulations.
<b>7.3 Precautions to Be Taken in Handling and Storage:</b>	Store away from food and beverages. Store away from extreme heat.
<b>7.4 Other Precautions:</b>	None

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## SECTION VIII – Control Measures

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<b>8.1 Respiratory Protection:</b>	None required during normal use of this product.
<b>8.2 Ventilation:</b>	None required during normal intended use of this product.
<b>8.3 Protective Gloves:</b>	Latex or vinyl gloves
<b>8.4 Eye Protection:</b>	Protective goggles
<b>8.5 Other Protective Clothing or Equipment:</b>	Coat
<b>8.6 Work/Hygienic Practices:</b>	Observe normal care when working with chemicals.

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