

# Den-Mat®

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## ***MATERIAL SAFETY DATA SHEET***

<b>TRADE NAME:</b>	<b>LUMIBRITE™ Chairside Professional Whitening Gel</b>
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### **I COMPOSITION/INFORMATION ON INGREDIENTS**

Ingredients:	Approx Conc. %	LD <sub>50</sub> (Specify species & route)	CAS #
Hydrogen peroxide:	35%	2000 mg/kg LD <sub>50</sub> (rat-oral)	7722-84-1
Sodium Fluoride	≤ 1.1%	52 mg/kg LD <sub>50</sub> (rat-oral)	7681-49-4

### **II. HAZARDS IDENTIFICATION**

Adverse Human effects and symptoms: None anticipated under normal use conditions

### **III. FIRST AID MEASURES**

Inhalation: Not an anticipated route of entry  
Eye contact: Flush eyes with clear, tepid water for 15 minutes, lifting upper and lower eyelids intermittently. Consult a physician  
Skin contact: Wash with soap and water. See a physician if irritation persists.  
Ingestion: If swallowed, drink plenty of water immediately to dilute. Do not induce vomiting. Consult a physician.

Notes to Physician: Ingestion of greater than 15 mg/kg of fluoride is potentially fatal, so immediate medical treatment is vital.

### **IV. FIRE-FIGHTING MEASURES**

Flammability: No

### **V. ACCIDENTAL RELEASE MEASURES**

Personal & Environmental Precautions: Biodegradable

### **VI. HANDLING & STORAGE**

Handling precautions: Do not store near heat or in direct sunlight. Keep away from strong alkaline agents.

Methods for Cleaning: Wipe with tissue & rinse tissue with water

Storage Requirements: Store under refrigeration

**VII. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Respiratory Protection:	None under normal use conditions
Eye protection: Wear eye protection when potential for splashing exists	
Skin protection:	Wear rubber or PVC gloves when handling
Other:	Keep out of reach of children

**VIII. PHYSICAL & CHEMICAL PROPERTIES**

Appearance:	Opalescent gel
Solubility in water:	Complete
Melting point/range:	N/A
Odor:	Mint
pH:	7
Density	1.2 g/cm <sup>3</sup>

**IX. STABILITY & REACTIVITY**

Chemical Stability	Stable
Conditions & Material to avoid: Alkaline agents, reducing agents, heavy metals, organic Chemicals	
Hazardous Decomposition Products:	Thermal degradation may produce oxides of carbon and nitrogen, hydrogen fluoride and oxygen which may intensify fire.

**X. ECOLOGICAL INFORMATION**

Biodegradability:	Yes
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**XI. DISPOSAL CONSIDERATIONS**

Method of Waste Disposal:	Dispose according to local & government regulations
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**XII. TRANSPORT INFORMATION**

1. Applicable Regulations	Ingredients listed in TSCA inventory
2. DOT Hazard Class	5.1, PG II
3. DOT Shipping Name	(UN2014) Class 5.1, PG II, Hydrogen peroxide aqueous solution
4. When packaging that to 49CFR173.4 and contents < 30mL, qualifies for small quantity exemption	

**XIII. REGULATORY INFORMATION**

N/A

**XIV. OTHER INFORMATION**

For Dental use ONLY. Use as directed.

**EMERGENCY PHONE NUMBER: (805) 922-8491**

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