

**MATERIAL SAFETY
DATA SHEET (MSDS)**
revision 11-17-08
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Lumalite, Inc.
2830 Via Orange Ave, Suite B
Spring Valley, CA 91978
Ph: (800) 400-2262 Fax: (619) 660-5459

Product: "LumaCool™" Teeth Whitening Pen

In case of Emergency Call: 1-800-535-5053 or 1-352-323-3500 (International)
OSHA Hazard Communication Standard 29 CFR 1910.1200

Section I – Identification

Product "LumaCool" Teeth Whitening Pen. Intended for individual use by purchaser for purpose of whitening teeth only.

Section II – Hazardous Components

Ingredients:	Wt. Per Cent	CAS#	Hazardous Listings
Ethanol	52 – 54	64-17-5	OSHA PEL 1000 PPM ACGOH 1000 PPM RCRA: Flammable
Hydrogen Peroxide	6.8 - 7.6	7722-84-1	ACGIH, NIOSH, OSHA: PEL 1.4mg/m3 IARC: Group 3 Carcinogen
EDTA	0.03 – 0.06	60-00-4	NIOSH RTECS AH 402-5000

Section III – Physical Data

Melting Point	-50° C (-58° F) estimated
Boiling Point	85° C (185° F)
Specific Gravity	0.85 – 0.950
Appearance	Light to colorless, clear to slightly cloudy.
Texture	Medium Viscosity Liquid

Section IV – Fire and Explosion Information

Flash Point Closed Cup	13° C [55° F]
Auto-Ignition Temperature	Not Determined
Flammable	Flammable / Combustible: Vapors and liquid may be ignited by heat, sparks, and flame. Vapors may travel to a point of ignition and flash back. Containers may explode if subjected to high heat or flame. Remove containers from hot or burning area if it is possible to not take undue risks. Do not sewer material, as explosions could occur in sewer system.
Extinguishing Media	Use water only. Do not use Carbon Dioxide or Dry Chemical.
Firefighting, Large Fires	Wear self-contained breathing apparatus with a full face-piece operated in the positive pressure demand mode when fighting fires.
Special Fire and Explosion Hazards	Material will sustain flame if ignited. Burning material may produce toxic vapors. Material confined to drums may explode under high temperature conditions.

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Section V – Regulatory Hazards Information

RCRA	Hazardous waste characteristic: ignitability: 40CFR 261, Subpart D
Clean Water Act	N/A
Clean Air Act	Contains Ethanol: Class 111 Material
SARA	No reportable under Sections 301-304.
SECTION 313	No chemical reportable under SARA 313
CERCLA	N/A
New Jersey Right to Know	Contains Ethyl Alcohol, Hydrogen Peroxide
Pennsylvania Hazardous Substance List	Contains Ethyl Alcohol
Massachusetts Substance List	Contains Ethyl Alcohol
California Prop. 65	No materials subject to reporting
Canada WHMIS	Listed material: Ethyl Alcohol
Carcinogen	Hydrogen Peroxide (CAS# 7722-84-1): listed as Group 3 carcinogens under IARC; ACGIH listing as Animal Carcinogen.
Mutagen	EDTA (CAS#60-00-4) NIOSH RTECS AH 402-5000
Corrosive	None
NFPA Codes:	Health – 1 Flammability – 4 Reactivity – 1 Oxidizer

Section VI– Health Hazards Exposure Data

Permissible Exposure Level	See Section II
Primary Sources of Entry:	At normal temperatures: mouth, skin, eyes. If vaporized, lungs.
Effects of Acute Overexposure:	
Eyes:	Causes severe irritation, possible corneal injury
Skin:	Will cause bleaching and local painful tingling upon exposure. Effect may be prevented by promptly rinsing with water.
Breathing / Inhalation	Inhalation of liquid into lungs will cause severe irritation and damage. Breathing vapors in high concentration may cause nervous system effects such as dizziness, headache, disorientation, and unconsciousness.
Swallowing / Ingestion	Severe gastro irritation and damage can occur from Hydrogen Peroxide ingestion. Disorientation and stupor may result from Ethyl Alcohol.

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Section VII- Health Hazards Exposure Data - First Aid

If on skin	If in eyes	If swallowed	If Inhaled
Thoroughly wash exposed area with cold water for 15 minutes. Remove contaminated clothing. Launder clothing before reuse.	Immediately flush with large amounts of water, lifting upper and lower lids occasionally. Obtain medical attention as soon as possible after flushing with water.	Drink large quantities of water. Contact Poison Control Center. immediately and notify them that Hydrogen Peroxide has been swallowed. Follow their directions carefully and arrange, for medical attention as soon as possible.	If vapors are inhaled, remove person to fresh air. Monitor condition and obtain medical help if symptoms persist. If liquid is inhaled, obtain medical attention at once. Inform them that Hydrogen Peroxide has been inhaled.

Section VIII- Reactivity Data

Hazardous polymerization	Cannot occur
Stability	Stable under normal ambient conditions, will release oxygen if heated.
Spontaneous Combustion	Not likely under normal conditions. May occur if heated excessively.
Incompatibility	Avoid contact with strong oxidizing agents, powdered metals, or strong acids

Section IX - Spill or Leak Procedures

Steps to be taken in case material is leaked or spilled:	
Small Spill:	Absorb material on an absorbent material such as paper towel or cloth. Use water to clean up and rinse all absorbing materials completely in water after cleanup.
Large Spills:	Large spills not possible for intended final customer. However, for manufacturers and distributors, large spills can be controlled by absorbing on vermiculite or garage-floor absorbents. If cloth or other flammable material is used to absorb, rinse thoroughly in water until residue is washed away. For large spills, use breathing precautions and personal protective equipment such as masks and gloves.
Waste Disposal:	Material is intended to be completely used by the consumer. If disposed of, observe local, state, and federal regulations regarding hydrocarbons (grease). Do not sewer large quantities of this material.

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Section X – Protective Equipment to be Used	
Protective Covering	Avoid prolonged skin contact by using plastic gloves, aprons, and other outer ware.. Leather gloves will absorb material are not recommended
Eye Protection	Avoid contact with eyes. Where conditions warrant, wear goggles or other eye protection.
Other	If heavy fumes are present, use protective masks and / or self-contained breathing gear.

Section XI – Special Precautions or Other Comments
Material is designed to be used as a Paint-On Tooth Whitener only. No other use is implied or intended.
Material is intended to be used completely by end user.
Discarded materials, including containers containing appreciable amounts of product, are to be disposed of in accordance with local, state and federal regulations.
Keep out of reach of children.
Material is not intended to be used in contact with or close proximity to flame or high heat.
The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable for their circumstances.