

MATERIAL SAFETY DATA SHEET

LUMAWHITE™ PLUS SINGLE PATIENT KIT #210022

General Information: Product Kit contains:**SECTION 1: HYDROGEN PEROXIDE 35% SECTION 2: LUMABLOCK SECTION 3: STAYBRIGHT**

Company's Name: LumaLite, Inc.

In case of emergency, call 1-800-535-5053.

Outside of the United States, call collect 1-352-323-3500

SECTION 1:

Hazardous Ingredients Information

Ingredient: HYDROGEN PEROXIDE Percent: 35

NIOSH (RTECS) Number: MX0900000 CAS Number: 7722-84-1 OSHA PEL: 1.4 MG/CUM

ACGIH TLV: 1.4 MG/CUM Other Recommended Limit: 1 PPM

Other Ingredients: Non-crystalline silica, ethanol and proprietary trace elements.

Physical/Chemical Characteristics

Appearance And Odor: colorless paste w/ antiseptic odor.

Boiling Point: N/A Melting Point: N/A Solubility In Water: approx. 75%

Fire and Explosion Hazard Data

Flash Point: N/A Extinguishing Media: N/A.

Special Fire Fighting Proc: Safely cool w/water and remove container. Container containing clear liquid component may burst if overheated, releasing hydrogen peroxide bleach. Keep at a safe distance if container is warm.

Unusual fire and explosive hazards: Mix container must not be tightly closed after mixing kit ingredients, or the mixture could cause container to burst because it gradually releases oxygen gas. Do not put anything into the container with the clear liquid component -- this container should be poured out fully, then discarded. If the clear liquid component is not used with the other kit component, it should be poured into at least ten to twenty volumes of water for disposal.

Reactivity Data

Stability: YES Condition To Avoid (Stability): heat & sources of heat.

Materials to avoid: acids, bases, metals (long-term contact), salts of metals, reducing agents, organic materials (unless diluted with at least 10 - 20 volumes of water), and highly flammable substances.

Hazardous decomp products: oxygen, gas, heat, steam Hazardous polymerization may occur: no

Health Hazard Data

LD50-LC50 Mixture: ORAL LD50 (RAT): >1200 MG/KG Route Of Entry - Inhalation: YES, Skin: NO, Ingestion: YES

Health Hazard Acute And Chronic: Corrosive to mucous membrane eyes & skin. Inhalation: slight nose & throat irritation. Eyes: severe irritation & serious/permanent lesions. Skin: irritation & burns. Ingestion: Corrosive to GI tract, severe irritation, burns, throat edema & suffocation, chemical pneumonitis, pulmonary edema.

Carcinogenicity - NTP: NO, IARC: NO, OSHA: NO Explanation Carcinogenicity: NONE

Signs/Symptoms Of Overexposure: Temporary whitening and irritation of skin at contact area; eye watering and/or redness, swelling of eyelids; cough, sore throat, nosebleeds, chronic bronchitis, perforation of GI tract. In extreme overexposure: shock, nausea, bloody vomiting, difficulty breathing.

First aid: immediately flush w/running water for 15 mins. Administer an analgesic eyewash if needed. Ingestion: if conscious - rinse mouth & give fresh water. Don't induce vomiting. If unconscious - loosen collar & tight clothing. Give CPR/oxygen if needed.

Precautions for Safe Handling and Use

Steps If Material Released/Spill: avoid contact w/incompatible materials. Small spills: wipe up spill with towel or cloth, then immediately rinse the towel/cloth with lots of water. Large spills: dike around the spill and dilute with at least 10 - 20 volumes of water. Further dilute any discharge into sewer w/large amounts of water.

Waste Disposal Method: dispose of in accordance with federal, state & local regulations.

Corrosive un2014. Rcra waste no: d001, d002.

Precautions-Handling/Storing: store in a ventilated, cool area. Keep away from heat sources. Keep in original packaging, closed.

Other precautions: never return clear liquid component to original container. Use only containers that are compatible w/bleach. Containers & equipment used to handle product should be used exclusively for that product.

Control Measures

Respiratory protection: use as needed. Wear a niosh approved full-face supplied air respirator for excessive concentrations.

Ventilation: local exhaust as needed. Protective gloves: polyvinyl chloride or rubber preferred. Eye protection: Chemical proof goggles or face shield as needed. Other protective equipment: as needed. Work hygienic practices: remove and launder contaminated clothing before reuse. Supplemental safety & health data: Special fire: Never approach containers which are warm. Obtain medical attention in all cases of exposure.

Label Data

Label Required: YES Common Name: HYDROGEN PEROXIDE, 35%

Special Hazard Precautions: Corrosive to mucous membrane, eyes & skin. Inhalation: slight nose & throat irritation. Eyes: severe irritation & serious/permanent lesions. Skin: irritation & burns. Ingestion: corrosive to GI tract, severe irritation, burns, throat edema & suffocation, chemical

pneumonitis, pulmonary edema. Irritation, cough, sore throat, nose bleeds, chronic bronchitis, watering, redness, swelling of eyelids, temporary whitening of skin at contact area, paleness & cyanosis of face, perforation of GI tract, shock, bloating of stomach, belching, nausea, bloody vomiting, difficulty breathing.

SECTION 2:

MSDS Information: LumaBlock™

Section I – PRODUCT IDENTIFICATION

Company Name: LumaLite, Inc.
Product Name: LumaBlock™
In case of emergency, call: 1-800-535-5053
Outside the United States, call collect 1-352-323-3500
Date Prepared: 02/15/01

Section II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Component Osha Pei ACGIH TLV %(Optional)
Aromatic Aliphatic Dimethacrylate Monomers

Section III – PHYSICAL DATA

Boiling Point: ND Specific Gravity: (H2O = 1): 1.2 Melting Point: ND
Vapor Pressure (mm Hg): ND Vapor Density (Air = 1): ND
Solubility in Water: Insoluble Evaporation Rate (Butyl acetate = 1) : <1
Appearance & Odor: White gel with characteristic odor

Section IV – FIRE & EXPLOSION HAZARD DATA

Flammable Limit: ND Extinguishing Media: Dry Chemical Foam
Unusual Fire and Explosion Hazards: Material may burn if exposed to flame.

Section V – REACTIVITY DATA

Stability: Stable
Conditions to Avoid: High temperatures, visible light sources.

Section VI – HEALTH HAZARD DATA

Route(s) of entry – Inhalation: No Skin: Yes Ingestion: ND
Signs or Symptoms of Exposure: Repeated contact with skin may cause irritation and reddening.
Emergency and First Aid Procedures:
Eyes: Flush with copious amounts of water. Skin: Wash with soap & water.
Ingestion: Seek medical attention.

Section VII – PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case material is released or spilled: Wipe up spill and dispose of appropriately.
Waste disposal method: Dispose of in accordance with federal, state, & local regulations.
Precautions to be taken in handling & storage: Store in a cool dry area, avoid moisture sunlight or other visible light sources.

Section VIII – CONTROL MEASURES

Respiratory Protection (Specify): None
Protective Gloves: Recommended
Eye Protection: Recommended

Information herein is given in good faith as authoritative and valid. However, no warranty expressed or implied can be made, and LumaLite, Inc., assumes no liability resulting from its use.

SECTION 3:

Company Name: LumaLite, Inc.
OSHA HAZARD COMMUNICATION STANDARD
29 CFR 1910.1200
Date: 07/19/02

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Section I – IDENTIFICATION

990005 rev. A

Product: "Stay Bright Plus" Take Home Whitening Enhancer (Paint-On). 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
EDTA	0.03 - 0.06	60-00-4	IARC: Group 3 Carcinogen NIOSH RTECS AH 402-5000

HMIS HAZARD RATING: Acute Health=1, Fire=3, Reactivity=0
(Least=0 Slight=1 Moderate=2 High=3 Extreme=4)

Section III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 85° C (185° F)	Specific Gravity (H20-1): 0.85 - 0.950	IMO Hazard Class: NA
Vapor Pressure (mm Hg.): 0.33 Po. at 50° C	Melting Point: -50° C (-58° F) estimated	Packaging Group: NA
Vapor Density (Air=1): NA	Evaporation Rate: NA	EMS Number:
Solubility in Water: COMPLETE	Appearance and Odor: Light to colorless, clear to slightly cloudy.	MFAG Number:

Section IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method used): 13° C [55° F]	Flammable Limits:	LEL: NA	UEL: NA
Extinguishing Media: Use water only. Do not use Carbon Dioxide or Dry Chemical.			
Special Fire Fighting Procedures: 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.			

Section V - REACTIVITY DATA

Stability:
Unstable: **Stable:** X
Conditions to Avoid: Prolonged exposure to temperatures above 30 C (85F)
Incompatibility (Materials to Avoid): Avoid contact with strong oxidizing agents.
Hazardous Decomposition or Byproducts: None known
Hazardous Polymerization: May Occur: Will Not Occur: X
Conditions to Avoid: Extreme heat

Section VI - HEALTH HAZARD DATA

Route(s) of Entry:	Eye?	Skin?	Ingestion?
Immediately flush with large amounts of water, lifting upper and lower lids occasionally. Obtain medical attention as soon as possible after flushing with water.		Thoroughly wash exposed area with cold water for 15 minutes. Remove contaminated clothing. Launder clothing before reuse.	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.

POTENTIAL HEALTH EFFECTS

EYE CONTACT: Causes severe irritation, possible corneal injury
SKIN CONTACT: Will cause bleaching and local painful tingling upon exposure. Effect may be prevented by promptly rinsing with water.
INGESTION: Severe gastro irritation and damage can occur from Hydrogen Peroxide ingestion. Disorientation and stupor may result from Ethyl Alcohol.
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.

Emergency and First Aid Procedures:

SECTION VII- PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken In Case Material is Released 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 Method: 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.

Precautions To Be Taken In Handling and Storing: Avoid storage at elevated temperatures. Store in a tightly closed container in a cool, dry, well-ventilated area.

Other Precautions:

SECTION VIII-CONTROL MEASURES

Respiratory Protection (Specify Type): Avoid exposure to heat.

Ventilation Local Exhaust: N/A **Mechanical (General):** N/A **Special:** N/A **Other:** N/A

Protective Gloves and Eye Protection: Avoid contact with eyes. Where conditions warrant, wear goggles or other eye protection.

Other Protective Clothing or Equipment: Avoid prolonged skin contact by using plastic gloves, aprons, and other outer ware.. Leather gloves will absorb material are not recommended

Work/Hygienic Practices: Aseptic procedures

SECTION XIII-TRANSPORTATION

DOT Classification: Consumer Commodity ORM-D

SECTION IX- REGULATORY INFORMATION

RCRA Hazardous waste characteristic: ignitability: 40CFR 261, Subpart D

CLEAN WATER ACT:NA

CLEAN AIR ACT: Contains ethyl alcohol that is a Section 111 material.

SARA: No reportable under Sections 301-304.

SECTION 313: No chemical reportable under SARA 313

CERCLA:NA

New Jersey Right to Know Hazardous Substance List: This product contains Ethyl Alcohol, Hydrogen Peroxide

Pennsylvania Hazardous Substance List: This product contains the following components subject to reporting requirements: Ethyl Alcohol

Massachusetts Substance List: This product contains the following components subject to reporting requirements: Ethyl Alcohol

California Safe Drinking Water and Toxic Enforcement Act (Proposition 65): This product contains the following components subject to reporting requirements: None

Canada: Workplace Hazardous materials information System (WHMIS)- listed material. This product contains the following components subject to reporting requirements: Ethyl Alcohol

Section X-SPECIAL DISCLAIMERS

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 material, 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.