

Procter & Gamble

MATERIAL SAFETY DATA SHEET
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MSDS Identifier

**Crest Night Effects -
LiquidStrip Whitening Gel**

SECTION I – CHEMICAL / PRODUCT AND COMPANY IDENTIFICATION												
THE PROCTER & GAMBLE COMPANY Health Care Research Center 8700 Mason-Montgomery Road Mason, OH 45040-9462		<table border="1"> <thead> <tr> <th>RATING KEY</th> <th>Hazard Rating</th> </tr> </thead> <tbody> <tr> <td>4=EXTREME</td> <td>Health: 2</td> </tr> <tr> <td>3=HIGH</td> <td>Flammability: 3</td> </tr> <tr> <td>2=MODERATE</td> <td>Reactivity: 1</td> </tr> <tr> <td>1=SLIGHT</td> <td></td> </tr> </tbody> </table>	RATING KEY	Hazard Rating	4=EXTREME	Health: 2	3=HIGH	Flammability: 3	2=MODERATE	Reactivity: 1	1=SLIGHT	
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3=HIGH	Flammability: 3											
2=MODERATE	Reactivity: 1											
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EMERGENCY PHONE:	Transportation Emergency (24 hour) Telephone Number: CHEMTREC: 1-800-424-9300 in the U.S. and Canada; 1-703-527-3887 for calls originating elsewhere or call the Poison Control Center	Prepared by: Jill Karner, CIH Issue Date: December 3, 2007 Last Reviewed: March 2004										
Material Name:	Crest Night Effects - LiquidStrip Whitening Gel											

SECTION II – COMPOSITION AND INGREDIENTS			
Hazardous Ingredients as defined by OSHA, 29 CFR 1910.1200, and/or WHMIS under the HPA. These substances are listed because in their pure bulk form, they meet the OSHA definition of hazardous. Any hazards associated with this finished product are listed in Section III of this MSDS.			
Principal Hazardous Components:	CAS Number	Conc. %	Exposure Limit/LC50/LD50
Ethyl Acetate	141-78-6	3 – 7	400 ppm (ACGIH)
Methyl Ethyl Ketone	78-93-3	1 – 5	200ppm TLV, 300ppm STEL (ACGIH)
Hydrated Silica	7631-86-9	1 – 5	20 mppcf (OSHA)

SECTION III – HAZARDS IDENTIFICATION	
Emergency Overview: This mixture is a product regulated by the FDA. This clear gel can produce mild to moderate eye irritation. Ingestion of gel can cause nausea, vomiting, and gastrointestinal irritation. Accidental skin exposure can cause skin bleaching and irritation.	
Eye:	May produce transient superficial eye irritation.
Skin:	Exposure can produce skin blanching and irritation.
Inhalation:	This material contains an organic solvent. Inhaling vapors from large quantities can cause dizziness and respiratory discomfort.
Ingestion:	Large volume ingestion may cause mild gastrointestinal irritation.

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SECTION IV – FIRST AID MEASURES	
Eye:	Remove contact lens (if applicable). Flush eyes with water for 15 minutes. Get medical attention if eye irritation persists after water flush. Consult with an ophthalmologist if irritation occurs.
Skin:	Remove contaminated clothing and wash the affected skin with soap and water. If product has set, wipe off skin before washing affected area with soap and water. Wash contaminated clothing before re-use.
Inhalation:	Remove to fresh air in case of inhalation of organic vapors.
Ingestion:	Rinse out mouth with water. Get medical attention if more than mild gastrointestinal symptoms are experienced.
Additional First Aid Measures: None	

SECTION V – FIRE FIGHTING MEASURES			
Flash Point:	9°C / 49°F	Flash Point test method:	Closed cup
Auto-ignition Temperature:	<input type="checkbox"/> Not applicable <input type="checkbox"/> Not available 788°F <input type="checkbox"/> deg. C <input checked="" type="checkbox"/> deg F.	Flammable Limits (% by volume in air)	LEL % N/A UEL % N/A
Extinguishing Media:	Water spray, dry chemical, carbon dioxide or chemical foam.		
Explosion Hazards:	Flammable liquid.		
Special Instructions:	Explosive vapor could form.		

SECTION VI – ACCIDENTAL RELEASE MEASURES	
Personal Safeguards	Remove all source of ignition. Wear self-contained breathing apparatus, flame retardant protective clothing. Shut off leaks if without risk.
Environmental Precautions	Contain or absorb leaking liquid with inert material (e.g. sand, earth). Prevent liquid from entering sewers, basements and work pits, as vapor may build up and create explosive atmosphere. If substance has entered a watercourse, sewer, or contaminated soil or vegetation advise appropriate local authorities.
Spill Clean-up Procedures	<i>Industrial:</i> In the event of spill, the product will not readily flow, however, dike/contain the spill with inert material (e.g. sand, earth.), transfer liquid to containers for disposal. Prevent liquid from entering sewers, watercourses or low areas. <i>Household:</i> Product used in household may be disposed of in refuse or sewer.

SECTION VII – HANDLING AND STORAGE	
Recommended Storage Temperature:	None
Personal Precautions for Safe Storage and Handling:	Use only in an area provide with appropriate localized exhaust ventilation. Store at room temperature, keep away from sources of ignition, heat and direct sunlight. Prevent liquid from entering sewers, watercourses or low areas.
Conditions for Safe Storage:	Keep container tightly closed and sealed, while ensuring pressure release valve is fitted. Store at room temperature, keep away from sources of ignition, heat and direct sunlight.

SECTION VIII – EXPOSURE CONTROLS, PERSONAL PROTECTION	
This section only applies to the product when used in an <u>industrial setting</u> .	
Ventilation:	The product is flammable, keep away from sources of ignition, heat, direct sunlight and precautions must be taken to reduce the possibility of static discharge that may cause ignition of organic vapors. Ground the container before handling and use non-sparking tools. Do not cut, drill, weld or grind on or near this container. Ensure adequate localized ventilation to remove vapor build up that is the concern for cause of ignition of the product.
Eye Protection:	Wear safety glasses with side shields.
Respiratory Protection:	If above exposure limits for any solvent, respiratory protection will be required.
Skin Protection:	Neoprene gloves / nitrile rubber gloves

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SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES			
Appearance / Color:	White semi viscous liquid with solid dispersed particulates.	Melting Point:	Not available
Odor:	Characteristic wintergreen odor with slight organic solvent	Boiling Point:	167°F
Odor Threshold:	Not available	Solubility in Water:	Slightly soluble
Physical State:	Liquid	Vapor Pressure (mm Hg):	Not available
Vapor Density:	Not available	Specific Gravity (H ₂ O=1):	1.3 g/cm-3
pH:	Not available	Other Data:	Product complies with State and Federal regulations for VOC content.

SECTION X – STABILITY AND REACTIVITY	
Stability:	Stable at normal conditions
Possibility of Hazardous Reaction:	None known
Incompatibility: (Materials to avoid)	Do not store in materials non compatible with Methyl Ethyl Ketone or Ethyl Acetate, i.e. Styrene, vinyls.
Hazardous Decomposition Products:	Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Carbon oxides (carbon dioxide, carbon monoxide) and traces of incompletely burned carbon compounds, silicon dioxide and formaldehyde. Additionally, oxygen will be produced as a result of an exothermic reaction decomposition of the sodium carbonate peroxide.

SECTION XI – TOXICOLOGICAL INFORMATION	
Chronic Effects:	No chronic health effects reported.
Target Organs:	No target organs reported.
Carcinogenicity:	This finished consumer product is not carcinogenic.
NTP:	No
IARC:	No

SECTION XII – ECOLOGICAL INFORMATION
Relevant ecotoxicity and fate data for ingredients in this formulation have been reviewed. Under normal and foreseeable consumer uses, there are no concerns for aquatic organisms exposed to product ingredients at the anticipated environmental concentrations. The product is compatible with down-the-drain disposal routes, including municipal wastewater treatment processes and septic tank systems. This product is intended for dispersive use and should not be disposed of directly into the environment.

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SECTION XIII – DISPOSAL CONSIDERATIONS	
Waste Disposal Method: Disposal is to be performed in compliance with Federal, State/Provincial and Local regulations.	
Households: Product used in household may be disposed of in refuse or sewer.	
Industrial Setting: Disposal is to be performed in compliance with Federal, State/Provincial and Local regulations. This material is considered a hazardous waste when disposed from an industrial setting. Waste code D001 – Ignitable.	
Agency	Requirement
US EPA	When disposed from an industrial setting, this material carries the waste code D001.

SECTION XIV – TRANSPORTATION	
Agency	Classification
US DOT (transportation by ground)	This material meets the definition of a class 3 flammable liquid. The proper shipping name of the material is Flammable Liquid, N.O.S. (ethyl acetate, methyl ethyl ketone). The material falls under packing group II. Depending on packaging, this material is eligible for reclassification to a consumer commodity. Contact a trained and qualified transportation resource for more information.
IATA (transportation by air)	This material meets the definition of a class 3 flammable liquid. The proper shipping name of the material is Flammable Liquid, N.O.S. (ethyl acetate, methyl ethyl ketone). The material falls under packing group II.

SECTION XV – ADDITIONAL REGULATORY INFORMATION		
The product(s) described in this Material Safety Data Sheet are regulated under the Federal Food, Drug and Cosmetics Act and are safe to use as per directions on container, box or accompanying literature (where applicable).		
US Federal:		
TSCA – All intentionally-added components of this product are listed on the US TSCA Inventory.		
SARA 313/302/304/311/312 chemicals: Methyl Ethyl Ketone (313)		
US States:		
California: This product has been evaluated and does not require warning labeling under California Proposition 65.??		
State Right-to-Know and CERCLA: The following ingredients present in the finished product are listed on state right-to-know lists or state work exposure lists.		
Ingredient(s) (concentration)	CERCLA RQ	State(s)
Sodium Percarbonate (< 20% Conc.) (CAS No. 15630-89-4)	Not Applicable	NJ
Ethyl Acetate	5,000 lbs	CA, IL, MA, NJ, PA, RI
Methyl Ethyl Ketone	5,000 lbs	CA, IL, MA, NJ, PA, RI
Hydrated Silica	Not Applicable	CA, IN, KY, MA, MN, NC, NJ, OR, PA

SECTION XVI – OTHER INFORMATION
<p>DISCLAIMER: This MSDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by Procter & Gamble to be dependable and is accurate to the best of the Company's knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations.</p> <p>This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. Procter & Gamble assumes no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the product.</p>