



ULTRADENT PRODUCTS, INC.
MATERIAL SAFETY DATA SHEET

Controlled Product Yes No

SECTION I – IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Material Name	Opalescence® PF™	Manufactured by	Ultradent Products, Inc. 505 West 10200 South South Jordan, Utah 84095 USA
Material Use	Tooth Whitening Agent with Potassium Nitrate and Fluoride	Emergency Contact	1-800-552-5512 or 1-801-572-4200 (Outside USA)
Date	November 30, 1998	EC Representative	
Prepared by:	Steve Jensen, Chemist		

SECTION II – COMPOSITION/INFORMATION ON INGREDIENTS

Active Ingredients	Approximate Concentration %	LD ₅₀ /LC ₅₀ Specify Species and Route	C.A.S. N.A. or U.N. Numbers
Carbamide peroxide	15% or 20% (labeled on syringe)	LD ₅₀ 7,060 mg/kg; Oral – Rat	124-43-6
Potassium nitrate	—	N/A	7757-79-1
Fluoride ion	0.11% w/w	LD ₅₀ 200 mg/kg; Oral – Rabbit	7681-49-1

SECTION III – HAZARDS IDENTIFICATION

Adverse Human Effects and Symptoms Not defined.

SECTION IV – FIRST AID MEASURES

Inhalation	Not defined.	Eye Contact	Flush with lots of water.
Skin Contact	Wash with soap and water.	Ingestion	Give large amounts of water or milk.

SECTION V – FIRE-FIGHTING MEASURES

Flammability	If Yes, Under Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Which Conditions:	Protective Equipment for Firefighters	Not defined.
Means of Extinction	N/A		

SECTION VI – ACCIDENTAL RELEASE MEASURES SECTION VII – HANDLING AND STORAGE

Personal & Environmental Precautions	Not defined.	Handling Precautions	Not defined.
Methods for Cleaning	Wipe up with cloth and water.	Storage Requirements	Refrigerate when not in use.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection	None.	Eye Protection	Protective Eyewear.
Hand Protection	Latex gloves.	Skin Protection	Lab coat.

SECTION IX – PHYSICAL & CHEMICAL PROPERTIES

Appearance	Clear gel.	Solubility in Water	Completely.	Melting Point/Range	Not defined.
Odor	Flavored.	pH	~6.5	Other Data	None.

SECTION X – STABILITY AND REACTIVITY

Chemical Stability	Conditions and Materials to Avoid	Heat and sunlight. Oxidizable substances and metals.	Hazardous Decomposition Products	N/A
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SECTION XI – TOXICOLOGICAL INFORMATION

Route of Entry	<input checked="" type="checkbox"/> Skin Contact <input type="checkbox"/> Skin Absorption <input checked="" type="checkbox"/> Eye Contact <input type="checkbox"/> Inhalation Acute <input checked="" type="checkbox"/> Inhalation Chronic <input type="checkbox"/> Ingestion
Effects and Symptoms of Short-Term Exposure	Eyes: Irritation. Ingestion: Irritation not likely in small amounts. Skin: No irritation.
Chronic Effects and Symptoms of Long-Term Exposure	Eyes: Irritation. Ingestion: Irritation not likely in small amounts. Skin: Slight irritation.

Sensitization	Not defined.	Irritancy of Product	Slight.
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SECTION XII – ECOLOGICAL INFORMATION SECTION XIII – DISPOSAL CONSIDERATIONS

Biodegradability	Not defined.	Method of Waste Disposal	Dispose of according to local and government regulations.
Further Details	None.		

SECTION XIV – TRANSPORT INFORMATION SECTION XV – REGULATORY INFORMATION

Not regulated.	N/A
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SECTION XVI – OTHER INFORMATION

FORDENTALUSE ONLY. Use as directed.
 The information and recommendations are taken from sources (raw material MSDS(s) and manufacturer's knowledge) believed to be accurate; however, Ultradent Products, Inc., makes no warranty with respect to the accuracy of the information or the suitability of the recommendation and assumes no liability to any user thereof. Each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.