

# SAFETY DATA SHEET

according to Regulation (EC) No. 453/2010

Dental Use



Date Issued : 12/20/2007

SDS No : 198-001.5

Date Revised : 11/17/2014

Revision No : 5

## Opalescence Boost 38% and 40% Bleaching Gel (46% HP)

### SECTION 1 : Identification of the substance/preparation and of the company/undertaking

#### 1.1. Product identifier

**Product code** : XO/34567  
**Product name** : Opalescence Boost 38% and 40% Bleaching Gel (46% HP)  
**Product description** : Professional Use Tooth Bleaching Gel, Part 1 of 2

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Relevant identified uses** : Professional Use Dental Tooth Bleaching Gel

#### 1.3. Details of the supplier of the safety data sheet

##### Manufacturer

Ultradent Products, Inc.  
 505 W. 10200 S.  
 South Jordan, UT 84095

##### Distributor

Ultradent Products GmbH  
 Am Westhover Berg 30  
 51149 Cologne Germany  
 Email: infoDE@ultradent.com  
**Emergency Phone** : +49(0)2203-35-92-0

#### 1.4. Emergency telephone number

**CHEMTREC (NORTH AMERICA)** :(800) 424 - 9300  
**(INTERNATIONAL)** :+1(703) 527 - 3887

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Directive 1999/45/EC

**Danger symbols** : O,Xi  
**R phrases** : R41,R38

#### 2.2. Label elements

##### Classification according to Directive 1999/45/EC

**Hazard pictogram(s)** :   
 Oxidizing      Irritant

**R&S statement(s)** : R41: Risk of serious damage to eyes.  
 R38: Irritating to skin.

##### Classification according to Regulation (EC) No 1272/2008 [CLP]

**Hazard pictogram(s)** :   
 Flame over circle      Exclamation mark

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**Signal Word** : WARNING  
**Hazard statement(s)** : H318: Causes serious eye damage.  
 H315: Causes skin irritation.

**2.3. Other hazards**

**Immediate concerns** : Causes severe eye irritation

**SECTION 3: Composition / information on ingredients**

**3.1. Substances**

Not Applicable

**3.2. Mixtures**

| Chemical Name     | CAS       | EINECS No. | Wt.% | Classification according to Directive 67/548/EEC |
|-------------------|-----------|------------|------|--|
| Hydrogen Peroxide | 7722-84-1 | 231-765-0  | < 50 | Xi;O; R41  |

For full text of H-statements and R-phrases: see SECTION 16.

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

**Following eyes** : Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

**Following skin** : Immediately flush skin with plenty of water. Remove clothing. Get medical attention immediately. Wash clothing separately before reuse.

**Following ingestion** : If swallowed, rinse mouth with water, Do NOT Induce Vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

**Following inhalation** : No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.

**4.2. Most important symptoms and effects, both acute and delayed**

**Eyes** : Causes severe eye irritation.

**Skin** : Causes skin irritation.

**Ingestion** : Harmful if swallowed.

**Inhalation** : None expected for this product.

**4.3. Indication of any immediate medical attention and special treatment needed**

**Notes to physician** : R41: Risk of serious damage to eyes.

**SECTION 5: Fire fighting measures**

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**Opalescence Boost 38% and 40% Bleaching Gel (46% HP)****8.1. Control parameters****Control parameters** : Not Determined**8.2. Exposure controls****Eye/face protection** : Use chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent).**Skin protection** : S36/37: Wear suitable protective clothing and gloves.**Respiratory protection** : Good general ventilation should be sufficient to control airborne levels.**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties****Physical state** : Gel**Colour** : Frosty white**Odour** : Odorless or no characteristic odor**pH** : 2 to 3**9.2. Other information****Percent volatile** : Not Determined**SECTION 10: Stability and reactivity****10.1. Reactivity****Stable** : Yes**10.2. Chemical stability****Chemical stability** : Decomposes when exposed to heat.**10.3. Possibility of hazardous reactions****Hazardous polymerization** : No**10.4. Conditions to avoid****Conditions to avoid** : Organic materials.**10.5. Incompatible materials****Incompatible materials** : Not Determined**10.6. Hazardous decomposition products****Hazardous decomposition products** : None known.**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute****Dermal LD<sub>50</sub>** : Not Determined**Oral LD<sub>50</sub>** : Not Determined

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Toxicity : Biodegradability - Not established

**Aquatic toxicity (acute)**96-hour LC<sub>50</sub> : Not Determined48-hour EC<sub>50</sub> : Not Determined96-hour EC<sub>50</sub> : Not Determined**12.2. Persistence and degradability**

Persistence and degradability : Not Determined

**12.3. Bioaccumulative potential**

Bioaccumulative potential : Not Determined

**12.4. Mobility in soil**

Mobility in soil : Not Determined

**12.5. Results of PBT and vPvB assessment**

Results of PBT and vPvB assessment : Not Determined

**12.6. Other adverse effects**

Environmental data : Not defined

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

Disposal method : Dispose of in compliance with governmental regulation.(EC 1975L0442-20/11/2003)

**SECTION 14: Transport information****14.1. UN number**

UN number : 3139

**14.2. UN proper shipping name**

UN proper shipping name : Oxidizing Liquid, N.O.S. (Hydrogen Peroxide Mixture)

**14.3. Transport hazard class(es)**

Hazard classification : 5.1

**14.4. Packing group**

Packing group : II

**14.5. Environmental hazards**

Marine pollutant #1 : N/A

**14.6. Special precautions for user**

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ADR - road : N/A  
 RID - rail : N/A  
 IMDG - sea : N/A  
 IATA - air : N/A

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Transport in bulk : N/A

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

RoHS : Please refer to Medical Devices Directive 93/42/EEC

**15.2. Chemical safety assessment**

Chemical safety assessment : Not Determined

**SECTION 16: Other information**

Relevant R-phrases and/or H-statements (number and full text) : R41: Risk of serious damage to eyes.

Prepared by : Anu Kattoju

Revision summary : This SDS replaces the 4/9/2014 SDS. Revised: **Section 1:** Date-Revised.

General statements : N/A= Not Applicable

Manufacturer disclaimer : FOR DENTAL USE 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, the manufacturer 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.