



# SAFETY DATA SHEET

Date Issued: 12/17/2007  
 MSDS No: 196-001.3  
 Date-Revised: 11/01/2011  
 Revision No: 1

## Opalescence Boost 38% and 40% Activator Gel

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**PRODUCT NAME:** Opalescence Boost 38% and 40% Activator Gel  
**PRODUCT DESCRIPTION:** Hydrogen Peroxide Gel Activator. Part 2 of 2  
**PRODUCT CODE/ PART #:** XW/15083, XZ/71083

#### MANUFACTURER

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

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

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

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name       | CAS         | EINECS    | Classification             | Wt. %   |
|---------------------|-------------|-----------|----------------------------|---------|
| Potassium Hydroxide | 01310-58-3  | 215-181-3 | C; R35                     | 10 - 20 |
| Sodium Fluoride     | 007681-49-4 | 231-667-8 | T, Xi; R25,<br>R32, R36/38 | 5 - 10  |

( Full text of R-Phrases can be found under heading 16 )

### 3. HAZARDS IDENTIFICATION

#### HAZARD DESIGNATION

"C" - Corrosive  
 R35: Causes severe burns.  
 "T" - Toxic  
 R25: Toxic if swallowed.  
 "Xi" - Irritant  
 R36/38: Irritating to eyes and skin.

#### EMERGENCY OVERVIEW

**PHYSICAL APPEARANCE:** Gel

**IMMEDIATE CONCERNS:** Corrosive. Will cause eye burns and permanent tissue damage.

#### POTENTIAL HEALTH EFFECTS

**EYES:** Causes severe eye burns.  
**SKIN:** Corrosive, causes skin burning.  
**INGESTION:** Toxic if swallowed.

### 4. FIRST AID MEASURES

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

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

**INGESTION:** Give large volumes of water. Do not induce vomiting. Consult a physician if ingested in large amounts.

**INHALATION:** No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive



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levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.

### 5. FIRE FIGHTING MEASURES

**FIRE FIGHTING PROCEDURES:** General: Evacuate all personnel; use protective equipment for fire-fighting. Use self-contained breathing apparatus when the product is involved in fire.

**FIRE FIGHTING EQUIPMENT:** Water spray, fog, or mist, foam, dry chemical, carbon dioxide.

**COMMENTS:** Do not use strong water jet for extinguishing - may cause spattering of burning material.

### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Clean up spills immediately, observing precautions in Protective Equipment section.

**LARGE SPILL:** Collect in tightly closed containers.

#### ENVIRONMENTAL PRECAUTIONS

**WATER SPILL:** Do not allow to enter sewers or drains that may lead to waterways.

**SPECIAL PROTECTIVE EQUIPMENT:** S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.

### 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Avoid contact with eyes, skin, and clothing.

**HANDLING:** Use suitable protective equipment.

**STORAGE:** Keep refrigerated.

**STORAGE TEMPERATURE:** 5°C

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Wear safety glasses with side shields (or goggles) and a face shield.

**SKIN:** S36/37: Wear suitable protective clothing and gloves.

**OTHER USE PRECAUTIONS:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Gel

**ODOR:** Odorless or no characteristic odor

**COLOR:** orange to dark red

**PHYSICAL STATE COMMENTS:** Mostly soluble in water

### 10. STABILITY AND REACTIVITY

**STABILITY:** Stable when stored and handled under recommended conditions.

**CONDITIONS TO AVOID:** Heat, moisture, incompatibles.

**INCOMPATIBLE MATERIALS:** Acids, flammable liquids, organic halogen compounds, trichloroethylene, nitromethane, aluminum, tin, zinc.



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### 11. TOXICOLOGICAL INFORMATION

**GENERAL COMMENTS:** Not Available

### 12. ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL INFORMATION:** Readily biodegradable.

**DISTRIBUTION:** Does not bioaccumulate.

### 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Dispose of in compliance with governmental regulation (EC 1975L0442-20/11/2003)

### 14. TRANSPORT INFORMATION

#### ROAD AND RAIL (ADR/RID)

**PROPER SHIPPING NAME:** Corrosive liquid, N.O.S. (Potassium Hydroxide Mixture)

**HAZARD CLASS:** 8

**PACKING GROUP:** II

#### AIR (ICAO/IATA)

**SHIPPING NAME:** Corrosive liquid, N.O.S. (Potassium Hydroxide Mixture)

**UN/NA NUMBER:** 1760

**PRIMARY HAZARD CLASS/DIVISION:** 8

**PACKING GROUP:** II

#### VESSEL (IMO/IMDG)

**SHIPPING NAME:** Corrosive liquid, N.O.S. (Potassium Hydroxide Mixture)

**UN/NA NUMBER:** 1760

**PRIMARY HAZARD CLASS/DIVISION:** 8

**PACKING GROUP:** II

**LIMITED QUANTITY:** 0.5 L

### 15. REGULATORY INFORMATION

#### EUROPEAN COMMUNITY

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**ULTRADENT**  
PRODUCTS, INC.

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### EEC LABEL SYMBOL AND CLASSIFICATION



"C" - Corrosive  
R35: Causes severe burns.



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R25: Toxic if swallowed.



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### 16. OTHER INFORMATION

**RELEVANT R-PHRASES:** R35: Causes severe burns.

R25: Toxic if swallowed.

R32: Contact with acids liberates very toxic gas.

R36/38: Irritating to eyes and skin.

**PREPARED BY:** Susan Scott

**REVISION SUMMARY:** This MSDS replaces the 03/17/2011 MSDS. Revised: **Section 1: PRODUCT CODE/ PART #.**

**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.