

# SAFETY DATA SHEET



Date Issued : 9/19/2012  
MSDS No : 32-001.5  
Date-Revised : 10/4/2012  
Revision No : 4

## Ultradent® EDTA 18% Solution

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

**PRODUCT NAME:** Ultradent® EDTA 18% Solution  
**PRODUCT DESCRIPTION:** Root canal chelating conditioner and cleanser  
**PRODUCT CODE/ PART #:** ET/66009

#### 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. %
EDTA Tetrasodium Salt	64-02-8	200-573-9	Xi; R36/37/38	18

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

### 3. HAZARDS IDENTIFICATION

#### HAZARD DESIGNATION

"Xi" - Irritant  
R36/38: Irritating to eyes and skin.

#### EMERGENCY OVERVIEW

**PHYSICAL APPEARANCE:** Clear liquid

#### POTENTIAL HEALTH EFFECTS

**EYES:** R36: Irritating to eyes.  
**SKIN:** May cause slight irritation.  
**INGESTION:** Irritating to mouth, throat and stomach.  
**INHALATION:** None expected for this product.

### 4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.  
**SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists.  
**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 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:** Foam, dry chemical, carbon dioxide (CO<sub>2</sub>).

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### 6. ACCIDENTAL RELEASE MEASURES

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

**LARGE SPILL:** Absorb with inert, damp non-combustible material, then flush area with water.

### 7. HANDLING AND STORAGE

**HANDLING:** Use suitable protective equipment.

**STORAGE:** Room Temperature

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Wear eye protection

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

**RESPIRATORY:** Good general ventilation should be sufficient to control airborne levels.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** Odorless or no characteristic odor

**APPEARANCE:** Clear

**COLOR:** Colorless

### 10. STABILITY AND REACTIVITY

**STABLE:** Yes

**HAZARDOUS POLYMERIZATION:** No

**CONDITIONS TO AVOID:** Strong acids, strong bases, and oxidizing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon dioxide, carbon monoxide, nitrogen oxides, sodium hydroxide, and ammonia

### 11. TOXICOLOGICAL INFORMATION

**EYE EFFECTS:** Irritating to eyes.

**SKIN EFFECTS:** May cause slight irritation.

### 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** No data available.

### 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)**

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**HAZARD CLASS:** No classification

**AIR (ICAO/IATA)**

**PRIMARY HAZARD CLASS/DIVISION:** No classification

**VESSEL (IMO/IMDG)**

**PRIMARY HAZARD CLASS/DIVISION:** No classification

### 15. REGULATORY INFORMATION

**EUROPEAN COMMUNITY**

**EEC LABEL SYMBOL AND CLASSIFICATION**



"Xi" - Irritant  
R36/38: Irritating to eyes and skin.

### 16. OTHER INFORMATION

**RELEVANT R-PHRASES:** R36/37/38: Irritating to eyes, respiratory system and skin.

**PREPARED BY:** Anu Kattoju

**REVISION SUMMARY:** This MSDS replaces the 8/30/2007 MSDS. Revised: **Section 1:** Date Issued, PREPARED BY, PRODUCT CODE/PART #. **Section 2:** EMERGENCY OVERVIEW - PHYSICAL APPEARANCE POTENTIAL HEALTH EFFECTS - INHALATION. **Section 4:** INHALATION. **Section 8:** PERSONAL PROTECTIVE EQUIPMENT - RESPIRATORY. **Section 11:** EYE EFFECTS.

**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.