

# SAFETY DATA SHEET

**ULTRADENT<sup>®</sup>**  
PRODUCTS, INC.

Date Issued : 03/01/2006  
MSDS No : 31-001.5  
Date-Revised : 03/23/2012  
Revision No : 6

## Ultradent<sup>®</sup> Citric Acid Solution

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

**PRODUCT NAME:** Ultradent<sup>®</sup> Citric Acid Solution  
**PRODUCT DESCRIPTION:** Root canal cleanser, conditioner, and mild chelating agent  
**PRODUCT CODE/ PART #:** CT/66008, CU/15072

**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. %
Citric Acid	77-92-9	201-069-1	Xi; R36/37/38	10 - 20

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

### 3. HAZARDS IDENTIFICATION

**HAZARD DESIGNATION**

"Xi" - Irritant

**POTENTIAL HEALTH EFFECTS**

**EYES:** Mildly irritating to the eyes.

**SKIN:** Substance does not generally irritate and is only mildly irritating to the skin.

### 4. FIRST AID MEASURES

**EYES:** Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes.

**SKIN:** Wash with soap and water.

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

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

### 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>).

### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Wipe up with cloth, soap, and water.

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

### 7. HANDLING AND STORAGE

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

**STORAGE:** Store in a cool dry place.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Wear eye protection.

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

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**COLOR:** Orange

### 10. STABILITY AND REACTIVITY

**STABLE:** Yes

**HAZARDOUS POLYMERIZATION:** No

**CONDITIONS TO AVOID:** Heat, flames, ignition sources, and incompatibles.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon Dioxide

**INCOMPATIBLE MATERIALS:** Strong caustics, most metals.

### 11. TOXICOLOGICAL INFORMATION

**EYE EFFECTS:** Mildly irritating to the eyes.

**SKIN EFFECTS:** Substance does not generally irritate and is only mildly irritating to the skin.

### 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** Not 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)

**LABEL:** Not classified

#### AIR (ICAO/IATA)

**LABEL:** Not classified

#### VESSEL (IMO/IMDG)

**LABEL:** Not classified

### 15. REGULATORY INFORMATION

#### EUROPEAN COMMUNITY

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### EEC LABEL SYMBOL AND CLASSIFICATION



"Xi" - Irritant  
S25: Avoid contact with eyes.

### 16. OTHER INFORMATION

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

**PREPARED BY:** Susan Scott

**REVISION SUMMARY:** This MSDS replaces the 03/03/2012 MSDS. Revised: **Section 2: POTENTIAL HEALTH EFFECTS ( SKIN )**. **Section 11: EYE EFFECTS, SKIN 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.