



# SAFETY DATA SHEET

Date Issued: 01/16/2007  
MSDS No: 105-001.3  
Date-Revised: 10/06/2011  
Revision No: 1

## Flor-Opal® Tray Delivery

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

**PRODUCT NAME:** Flor-Opal® Tray Delivery  
**PRODUCT DESCRIPTION:** Fluoride delivery system  
**PRODUCT CODE/ PART #:** TK/ 13589, TH/ 13593

**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.%
Sodium Fluoride	007681-49-4	231-667-8	T, Xi; R25, R32, R36/38	1.1
Sodium Hydroxide	1310-73-2	215-185-5	C; R34	2.7 - 3.9

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

### 3. HAZARDS IDENTIFICATION

**HAZARD DESIGNATION**

"T" - Toxic  
R25: Toxic if swallowed.  
"Xi" - Irritant  
R36/38: Irritating to eyes and skin.

**EMERGENCY OVERVIEW**

**PHYSICAL APPEARANCE:** Gel

**POTENTIAL HEALTH EFFECTS**

**EYES:** Irritating to eyes.

**SKIN:** Irritating to skin

**INGESTION:** Harmful if swallowed.

### 4. FIRST AID MEASURES

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

**SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists.

**INGESTION:** If swallowed, 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.

**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



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**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 only.

### 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.

#### ENVIRONMENTAL PRECAUTIONS

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

### 7. HANDLING AND STORAGE

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

**HANDLING:** Use suitable protective equipment.

**STORAGE:** Room Temperature

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Use chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent).

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

**RESPIRATORY:** S38: In case of insufficient ventilation, wear suitable respiratory equipment.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Gel

**ODOR:** Melon

**APPEARANCE:** Viscous

**COLOR:** Colorless to slight yellow

### 10. STABILITY AND REACTIVITY

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

**POLYMERIZATION:** NA = Not Applicable

**CONDITIONS TO AVOID:** Avoid strong bases, Metals. Excess heat, exposure to moist air or water.

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

### 11. TOXICOLOGICAL INFORMATION

**EYE EFFECTS:** Irritating to eyes

**SKIN EFFECTS:** Causes skin irritation.

### 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** Not defined



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**ECOTOXICOLOGICAL INFORMATION:** Not yet Determined

### 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:** Not classified

#### AIR (ICAO/IATA)

**SHIPPING NAME:** Not classified

#### VESSEL (IMO/IMDG)

**SHIPPING NAME:** Not classified

### 15. REGULATORY INFORMATION

#### EUROPEAN COMMUNITY

##### EEC LABEL SYMBOL AND CLASSIFICATION



"T" - Toxic  
R25: Toxic if swallowed.



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

### 16. OTHER INFORMATION

**RELEVANT R-PHRASES:** R25: Toxic if swallowed.

R32: Contact with acids liberates very toxic gas.

R36/38: Irritating to eyes and skin.

R34: Causes burns.

**PREPARED BY:** Phaedra Kilbourn

**REVISION SUMMARY:** This MSDS replaces the 02/13/2007 MSDS. Revised: **Section 1:** PREPARED BY, PRODUCT CODE/ PART #. **Section 3:** Wt.%.

**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.