

# YOUNG™

DENTAL MANUFACTURING

## S A F E T Y   D A T A   S H E E T

### SECTION I: Identification

**Product Identifier:**

**Product Name:** 2-Tone™ or Trace® Disclosing Solution  
**Part/Item Number:** 231102, 231120, 233102, 233120  
**Product Class:** Plaque Disclosing Solution

**Recommended Use of the Substance or Mixture and Restrictions on Use:**

**Recommended Use:** Designed to reveal plaque to educate patients  
**Restrictions on Use:** For professional use only

**Details of the Supplier:**

**Manufactured by:** Young Dental Manufacturing  
13705 Shoreline Court East  
Earth City, MO 63045  
1.800.325.1881

**Emergency Phone Number:**

**Infotrac:**  
**24-Hour Number-** (U.S.) 1-800-535-5053  
**Outside U.S.-** 1-352-323-3500

### SECTION II: Hazard(s) Identification

Classification of the Substance or Mixture:

Health Hazard	Physical Hazard
Not Applicable	Not Applicable

**Label Elements:**

**Hazard Statement(s):** Not applicable

**Precautionary Statement(s):** Not applicable

**Other Hazards:** Not applicable

### SECTION III: Composition/Information on Ingredients

Not applicable

### SECTION IV: First-Aid Measures

**Description of First Aid Measures:**

**Eye contact** – If a patient or clinician experiences contact, rinse his or her eyes with water for 15 minutes.

**Skin contact** – If a patient or clinician experiences skin discoloration, use orange juice or white vinegar to remove discoloration.

**Most Important Symptoms and Effects, Acute and Delayed:** Direct contact with eyes may cause redness and/or irritation. Contact with skin may cause discoloration or irritation.

**Indication of Any Immediate Medical Attention and Special Treatment Needed:**  
Eye contact - Seek medical attention if irritation persists.

### SECTION V: Firefighting Measures

**Extinguishing media:** For packaging use media appropriate for surrounding fire, such as water, foam, or dry chemicals.

**Special Hazards Arising from the Substance or Mixture:** Not applicable

**Advice for Fire-Fighters:**

**Fire Fighting Procedures** - Fight fire from a safe distance or protected location.

**Precautions for Fire Fighters** - Do not enter fire area without proper protection. Firefighters should wear full emergency equipment and an approved pressure self-contained breathing apparatus.

### SECTION VI: Accidental Release Measures

**Personal Precautions, Protective Equipment, and Emergency Procedures:** Wear goggles and gloves.

**Methods and Materials for Containment and Cleaning Up:** Wipe up with paper towel. Bleach or white vinegar can be used if surface is discolored.

### SECTION VII: Handling and Storage

**Precautions for Safe Handling:** Keep in tightly sealed containers.

**Conditions for Safe Storage, Including Any Incompatibilities:** Keep in tightly sealed containers.

### SECTION VIII: Exposure Controls/Personal Protection

**Control Parameters:** Not applicable

**Exposure Controls:**

**Appropriate Engineering Controls** - Local exhaust is sufficient. Respiratory protection is not necessary.

**Individual Protection Measures (PPE)** - Wear goggles and gloves.

### SECTION IX: Physical and Chemical Properties

Information on Physical and Chemical Properties:	
Appearance:	Blue-Violet Liquid (2-Tone™) or Red Liquid (Trace®)
Odor:	Not applicable
Odor Threshold:	Not applicable
pH:	Not determined
Melting point/freezing point:	Approximately 0° C (32° F)
Initial boiling point and boiling range:	100° C (212° F)
Flash point:	Does not support combustion
Evaporation rate (Butyl Acetate =1):	Not determined
Flammability (solid, gas):	Not applicable
Upper/lower flammability or exposure limits:	Not applicable
Vapor pressure:	Approximately 20 mmHg
Vapor density (Air = 1):	Not determined

Relative density:	Not determined
Solubilit(ies):	Soluble in water
Partition coefficient: n-octano/water	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined
Specific gravity (Water = 1):	1.0

## **SECTION X: Stability and Reactivity**

Reactivity: None known

Chemical Stability: Stable

Possibility of hazardous reactions: Hazardous polymerization has not been reported to occur.

Conditions to avoid: None known

Incompatible materials: None known

Hazardous decomposition products: None known

## **SECTION XI: Toxicological Information**

Potential Health Effects:

Eye Contact – Direct contact with eyes may cause redness and/or irritation.

Skin Contact – Contact with skin may cause discoloration or irritation.

Acute Toxicity Data: Not applicable

Carcinogenicity: OSHA, IARC, and NTP do not list any of the ingredients as a carcinogen.

## **SECTION XII: Ecological Information**

Toxicity: Not applicable

Persistence and Degradability: Not determined

Bio-accumulative potential: Not determined

Mobility in Soil: Not determined

Other Adverse Effects: Not applicable

## **SECTION XIII: Disposal Considerations**

Dispose of in accordance with all Federal, State and Local regulations.

## **SECTION XIV: Transport Information**

Not regulated

## **SECTION XV: Regulatory Information**

Not applicable

## **SECTION XVI: Other Information**

Supersedes: 29 January 2013

Date Revised: 23 April 2015

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