

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, 233004

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: 23 April 2015

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