

SAFETY DATA SHEETS

This SDS packet was issued with item:

074737391

The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).

074737243 074737359 074737367 074737417 074737425 078679121 078912108



M A T E R I A L S A F E T Y D A T A S H E E T

24-Hour Emergency #: (U.S.) 1-800-535-5053 / (Outside U.S.) 352-323-3500

SECTION I: Product & Company Identification

Product Name: **2-Tone™ or Trace® Disclosing Solution**
Catalog Number: **231102, 231120, 233102, 233120**
Product Class: Plaque Disclosing Solution
Manufactured by: Young Dental Manufacturing
 13705 Shoreline Court East
 Earth City, MO 63045
 1.800.325.1881

SECTION II: Health Hazard Information

Appearance: Blue-Violet Liquid (2-Tone™) or Red Liquid (Trace®)

Routes of Entry: Ingestion, skin, eye contact

Signs and symptoms of exposure:

Ingestion – none known
Eye Contact – Redness and/or irritation
Skin – Discoloration or irritation

Medical conditions generally aggravated by exposure: Dermatitis

SECTION III: Hazardous Components

N/A

SECTION IV: First Aid Procedures

Eye contact - rinse with water for 15 minutes. Seek medical attention if irritation persists.

Skin – use orange juice or white vinegar to remove discoloration.

SECTION V: Fire Fighting Measures

Flash Point:	Does not support combustion
Flammable Limits:	N/A
Extinguishing Media:	For Packaging – water, foam or dry chemical
Special Fire Fighting Procedures:	None
Unusual Fire and Explosion Hazards:	None

SECTION VI: Accidental Release Measures

In case of spill: Wipe up with paper towel. Bleach or white vinegar can be used if surface is discolored.

SECTION VII: Handling and Storage

Keep in tightly sealed containers

SECTION VIII: Personal Protection

Goggles, gloves

SECTION IX: Physical and Chemical Properties

Solubility:	Soluble in water
Boiling point:	100° C (212° F)
Vapor pressure:	Approximately 20 mmHg
Vapor density (Air = 1):	Unknown
Melting point:	Approximately 0° C (32° F)
Evaporation rate (Butyl Acetate =1):	Unknown
Specific gravity (Water = 1):	1.0
Appearance:	Blue-Violet Liquid (2-Tone™) or Red Liquid (Trace®)

SECTION X: Stability and Reactivity

Stability:	Stable
Materials/conditions to avoid:	None Known
Hazardous decomposition of byproducts:	None Known
Hazardous polymerization:	None Known

SECTION XI: Toxicological Information

N/A

SECTION XII: Ecological Information

N/A

SECTION XIII: Disposal Considerations

Waste disposal method: Dispose of in accordance with all Federal, State and Local regulations.

SECTION XIV: Transport Information

Keep in tightly sealed containers

SECTION XV: Regulatory Information

N/A

SECTION XVI: Other Information

N/A

The information contained herein is provided in good faith and is believed to be correct as of the date hereof. However, Young Dental Manufacturing makes no recommendation as to the comprehensiveness or accuracy of the information. It is expected that individuals receiving the information will exercise their independent judgment in determining its appropriateness for particular purpose.

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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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