

# YOUNG<sup>TM</sup>

## DENTAL MANUFACTURING

### SAFETY DATA SHEET

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#### 1. Product and Company Identification

**Material name** **zCoby® Dual Detection Disclosing Tablets**  
**Part/Item Number** **295718**

**Recommended Use** Plaque Disclosing Tablets

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

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

#### 2. Hazards Identification

**Emergency overview** Material Not Considered Hazardous when proper precautions are taken.

**Potential health effects** None Determined for Material

**Eyes** Can cause irritation and pain, inflammation.

**Skin** Irritation

**Inhalation** Nose/Throat-irritation.

**Ingestion** No Hazard Determined

| Components              | CAS #      | Percent |
|-------------------------|------------|---------|
| Flavor, SD Tutti Frutti | NA         | 1.0     |
| D & C Red #28           | 18472-87-2 | 1.0     |
| FD&C Blue #1            | 3844-45-9  | 1.0     |

#### 3. Composition / Information on Ingredients

#### 4. First Aid Measures

**First aid procedures** No special precautions needed if directions on product container are followed.

**Eye contact** Flush with water for 15 minutes or more. Seek medical attention if irritation persists.

**Skin contact** Wash well with soap or water, rinse well. Use orange juice or white vinegar to remove discoloration.

**Inhalation** Remove person to fresh air.

**Ingestion** Not available

**Notes to physician**

## General advice

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

## 5. Fire Fighting Measures

### Flammable properties

Dust may become highly explosive at critical concentrations in air.

### Suitable extinguishing media

Water fog. Foam. Dry Chemical.

### Unsuitable extinguishing Media

Not available

### Protection of firefighters

Standard firefighting techniques and protective clothing

### Specific hazards arising from the chemical

Dust may become highly explosive.

### Protective equipment and precautions

Move containers from fire area if you can do so without risk.

### Specific methods

Use standard firefighting procedures and consider the hazards of other involved materials.

## 6. Accidental Release Measures

### Personal precautions

Standard personal protection equipment.

### Environmental precautions

Not available

### Methods for containment

Not available

### Methods for cleaning up

Collect by vacuum cleaner or broom. Place in a tightly closed container. For waste disposal, see section 13 of the SDS.

Sweep up solid material, wipe residue with a towel. Bleach or white vinegar can be used if surface is discolored.

## 7. Handling and Storage

### Handling

Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Avoid formation of dust. Avoid inhalation, skin and eye contact. Wash contaminated clothing before reuse.

### Storage

Store at room temperature in tightly closed containers. Keep away from heat, sparks and open flame. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS). When handling individual ingredient, read the corresponding SDS.

## 8. Exposure Controls / Personal Protection

### Engineering controls

Local exhaust for dusty operations.

### Personal protective equipment

NIOSH approved respirator if dusting, gloves, safety goggles.

### General

Use personal protective equipment as required.

### Eye / face protection

Safety goggles

### Skin protection

"Tyvek" coveralls. Rubber or vinyl gloves.

### Respiratory protection

NIOSH approved respirator, if dusting. Local exhaust during dusty operations.

### General hygiene Considerations

When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. Physical & Chemical Properties

### Color

Blue Violet

### Physical state

Solid

### Form

Tablet

### pH

Not available

### Freezing point

Not available

### Boiling point

Not available

### Flash point

Over 200° in a tag closed cup

|                                                |                          |
|------------------------------------------------|--------------------------|
| Evaporation rate                               | Not available            |
| Flammability limits in air, upper, % by volume | NOT DETERMINED.          |
| Flammability limits in air, lower, % by volume | NOT DETERMINED.          |
| Vapor pressure                                 | Not available or Unknown |
| Vapor density                                  | Not available            |
| Specific gravity                               | 1.5                      |
| RVOC                                           | Not available            |
| Pour point                                     | Not available            |
| Viscosity                                      | Not available            |
| Percent volatile                               | Not available            |

## 10. Stability & Reactivity

|                                    |                                                                                                  |
|------------------------------------|--------------------------------------------------------------------------------------------------|
| Chemical stability                 | Material is stable under normal conditions.                                                      |
| Conditions to avoid                | Elevated temperatures                                                                            |
| Incompatible materials             | Avoid strong oxidizing agents.                                                                   |
| Hazardous decomposition Products   | None Determined                                                                                  |
| Possibility of hazardous Reactions | No dangerous reaction known under conditions of normal use.<br>Follow product insert guidelines. |

## 11. Toxicological Information

|                           |                                                                                             |
|---------------------------|---------------------------------------------------------------------------------------------|
| Toxicological data        | Not Determined                                                                              |
| Sensitization             | Not classified.                                                                             |
| Acute effects             | Not Available                                                                               |
| Carcinogenicity           | This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.             |
| Skin corrosion/irritation | Not available                                                                               |
| Mutagenicity              | No data available to indicate product or any components present are mutagenic or genotoxic. |
| Reproductive effects      | Contains no ingredient listed as toxic to reproduction                                      |

## 12. Ecological Information

|                                 |                                          |
|---------------------------------|------------------------------------------|
| Ecotoxicological data           |                                          |
| Persistence / degradability     | Expected to be inherently biodegradable. |
| Bioaccumulation/Accumulation    | No data available.                       |
| Mobility in environmental media | No data available for this product.      |

## 13. Disposal Considerations

|                                       |                                                                                                                |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Waste codes                           | The waste code should be assigned in discussion between the user, the producer and the waste disposal company. |
| Disposal instructions                 | Dispose in accordance with all applicable regulations for federal and state agencies.                          |
| Waste from residues / unused products | Dispose of in accordance with local regulations.                                                               |
| Contaminated packaging                | Not available                                                                                                  |

## 14. Transport Information

|       |                                                                                                           |
|-------|-----------------------------------------------------------------------------------------------------------|
| Notes | Refer to bill of lading or container label for DOT or other transportation hazard classification, if any. |
|-------|-----------------------------------------------------------------------------------------------------------|

## 15. Regulatory Information

|                                          |                   |
|------------------------------------------|-------------------|
| US federal regulations                   | None              |
| Reportable Quantity                      | No Data Available |
| CERCLA (Superfund) reportable quantity   | None              |
| Superfund Amendments and Reauthorization |                   |

**Act of 1986 (SARA)**  
**Section 302 extremely hazardous substance** No  
**Section 311 hazardous chemical** No

## **16. Other Information**

**Supersedes:** N/A  
**Date Revised:** 08 May 2018

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