

YOUNG™

DENTAL MANUFACTURING

SAFETY DATA SHEET

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. 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.
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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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