SAFETY DATA SHEETS

This SDS packet was issued with item:

075908553

N/A

IDENTITY

Trade Name: *Pulpdent Snoop Caries Detecting Dye* Code: SNOOP
Chemical Description: Colorant in propylene glycol and water solution.
Product Use: Dental caries indicator

SECTION I

Pulpdent Corporation
80 Oakland Street
Watertown, MA 02472 USA

Phone Numbers
24 Hour Emergency: 1-800-535-5053
Customer Service: 1-800-343-4342/1-617-926-6666

Date prepared: September 1, 2008

SECTION II - INGREDIENTS:

Ingredients	*CAS RN*	*%*
Water	7732-18-5	47.0
Propylene glycol, USP	57-55-6	47.0
Emulsifier	---------	< 5.0
Colorant	---------	< 1.0

DOT/ WHMIS HAZARD CLASSIFICATION: Not regulated
NFPA HMIS RATING: HEALTH: 0 FLAMMABILITY: 0 REACTIVITY: 0

SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling point: 220° F Specific gravity: 1.06 Freezing point: -20° F
Solubility in water: Complete Odor: Odorless Odor threshold: Not available
Color: Very dark blue

SECTION IV - FIRE AND EXPLOSION HAZARD

Flash point: Not applicable Auto-ignition Temperature: Not applicable
Flammable limits: Not applicable Hazardous Combustion Products: None
Extinguishing Media: Use whatever is appropriate for surrounding fire.
Special Fire Fighting Procedures: None other than that required for safe practice.
Unusual Fire and Exposure Hazards: None known.

SECTION V - REACTIVITY DATA

Stability: Stable Conditions to avoid: None
Incompatibility: None Hazardous Decomposition Products: None
Hazardous Polymerization: No Conditions to avoid: None

SECTION VI - HEALTH HAZARD DATA

Summary of Acute Hazards: None expected under normal conditions of use.

Route of Exposure	*Signs and Symptoms*
Inhalation	None
Eye contact	May cause irritation on contact with eyes.
Skin absorption	None
Skin contact	Material is a dye that will stain skin and soft tissue.
Ingestion	None expected under normal conditions of use.

Obtained by Global Safety Management, Inc. www.globalsafetynet.com (Tel: 1-813-435-5161)

Summary of Chronic Hazards:	None expected under normal conditions of clinical practice.
Carcinogenicity	Not known to be a carcinogen.

Teratogenicity, Mutagenicity, Reproductive toxicity: None known

Emergency First Aid Procedures:

Inhalation	Remove patient to fresh air. Seek medical advice
Eye contact	Rinse eyes under running water for 15+ minutes.
Skin contact	Wash with soap and water.
Ingestion	Seek medical advice.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Handling and Storage Precautions: Store tightly capped in original container at cool room temperature.

Release or spill: Wear gloves, lab coat and safety glasses. Wipe up with absorbent material, such as paper towels or cloth. Wash area of spill with detergent and water as soon as possible after spill.

Waste Disposal Method: Follow all government regulations.

Other Precautions: Material stains skin, clothing and carpeting. Avoid spills. Wash hands after use. Wash clothing and carpeting with detergent and water as soon as possible.

SECTION VIII - CONTROL MEASURES

Respiratory Protection:	Not necessary under normal conditions of use.
Ventilation:	No special ventilation required under normal conditions of use.
Protective Gloves:	Chemically impervious gloves to prevent staining of skin.
Eye Protection:	Safety glasses are recommended under normal conditions of use.
Protective Clothing/Equipment:	Emergency eye wash fountain should be close by and maintained. Wear lab coat and/or apron to protect clothing from splashed dye.
Work / Hygienic Practices:	Wash hands after use

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Safety Data Sheet

Trade Name: ***SNOOP Caries Detecting Dye***

1.0 Commercial Product Name and Supplier

1.1	Commercial product name / designation	*Snoop Caries Detecting Dye*
1.2	Application / Use	Dental material for use by dental professionals.
1.2.2	SIC	851 Human health activity
1.2.3	Use Category	55
1.3	Manufacturer	
	Pulpdent Corporation 80 Oakland Street, P.O. Box 780 Watertown, MA 02472 USA	Telephone: 1 617 926-6666 / Fax: 1 617 926-6262 Email: Pulpdent@pulpdent.com
1.4	Emergency Telephone Number	1-800-535-5053 (24 Hour / USA)
1.5	Authorized European Representative	Advena Ltd. Pure Offices, Plato Close Warwick, CV34 6WE United Kingdom

2.0 Hazards Identification

2.1 Classification

2.1.1 Classification according to Regulation (EC) No. 1272/2008 [CLP]

Hazard Class	Hazard Category	Hazard Statement
Eye irritation	2	H319
STOT SE	3	H335
Skin irritation	2	H315

2.1.2 Classification according to Directive 67/548/EEC: Irritant (Xi) R36 / 37 / 38 *(See SECTION 16 for full text of risk phrases)*

2.2 GHS Label Elements

Hazard Pictograms

Signal Word: **WARNING**

Restricted to use by dental professional only

Hazard Statements:

H319: Causes serious eye irritation. Category 2.

H335: Specific Target Organ Toxicity (STOT), single exposure, respiratory tract, Category 3: May cause respiratory irritation.

H315: Causes skin irritation. Category 2.

Precautionary Statements:

P261: Avoid breathing fumes.

P280: Wear protective gloves / clothing and eye protection.

P304+P340: If inhaled, remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338: If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P303+P361+P353: If on skin or hair, remove contaminated clothing. Rinse skin with water.

3.0 Composition

3.1	Chemical characterization of the preparation:	Mixture of propylene glycol, water, colorant and emulsifier

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3.2 Hazardous ingredients

CAS Number	Name of the Ingredient	Concentration	Classification per 67/548/EEC	Classification per Regulation (EC) No.1272/2008 (CLP).
57-55-6	Propylene glycol, USP	49.5%	Irritant (Xi) R36	Eye irritation, Category 2
7732-18-5	Water	49.5%	----	----------
------	Colorant	< 1.0%	Irritant (Xi) R36 / 37 / 38	Eye irritation, Category 2 STOT SE, Category 3 Skin irritation Category 2.
-------	Emulsifier	< 5.0 %	Irritant (Xi) R36 / 37 / 38	Eye irritation, Category 2 STOT SE, Category 3 Skin irritation Category 2.

4.0	**First Aid Measures**	
4.1	General Information	Not hazardous to health or environment. Snoop is a dye that will stain soft tissue and absorbent materials. May cause slight, temporary eye irritation. Corneal injury is unlikely. May cause mild skin or respiratory irritation. Show this safety data sheet to medical personnel. Seek medical attention in case of uncertainty.
4.2	Eye Contact	Keep eyelids apart, flush with running water for 15+ minutes. Remove contact lenses after several minutes. Get medical advice or attention as indicated.
4.3	Skin Contact	Remove contaminated clothing. Immediately wash with soap and running water. Get medical attention for persistent irritation.
4.4	Ingestion	Rinse mouth with water to minimize staining of soft tissue. No emergency medical treatment necessary.
4.5	Inhalation	Move to fresh air. If necessary, administer oxygen and/or artificial respiration; seek medical attention.
4.6	Precautions for first responders	Wear safety glasses and gloves.
4.7	Information for physicians	
	Symptoms	Contact with material may cause mild irritation in eyes, respiratory system or on skin. Skin and soft tissue may be stained.
	Hazards	May cause irritation.
	Treatment	Same as above under First Aid
5.0	**Fire Fighting Measures**	
5.1	Suitable extinguishing media	Decision should be based on surrounding fire.
5.2	Extinguishing media to avoid	Decision should be based on surrounding fire.
5.3	Special exposure hazards in a fire	None
5.4	Special protective equipment for fire-fighters	None
6.0	**Accidental Release Measures**	
6.1	Personal precautions.	Material will stain skin and clothing. Wear gloves, lab coat and/or apron and safety glasses.

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6.2	Environmental precautions	Not hazardous to environment. Follow all government regulations.
6.3	Method for clean up	Absorb or wipe up spill with paper towels or disposable cloths. Collect for disposal in a drip-proof plastic bag or container to prevent further staining of surroundings. Wash area of spill promptly with alcohol or soap and water, though discoloration of spill area may persist.
7.0	**Handling and Storage**	
7.1	Handling	Medical device for use only by trained dental professionals. Follow good hygiene practices. Re-cap container immediately to prevent spills.
7.2	Storage	Store tightly capped at cool room temperature. Avoid temperature extremes (>27°C/80°F, <5°C/40°F). Shelf life for properly stored, unopened product is two years from date of manufacture.
7.3	Specific uses	Dental material
8.0	**Exposure Controls / Personal Protection**	
8.1	Exposure limit values	Not established
8.2	Exposure controls	
8.2.1	Occupational exposure controls	No special equipment or ventilation required under normal conditions of use in dental practice.
8.2.1.1	Respiratory protection	No special requirements under normal conditions of use.
8.2.1.2	Hand protection	No special requirements other than surgical gloves.
8.2.1.3	Eye protection	No special requirements other than safety glasses.
8.2.1.4	Skin protection	No special requirements other than good hygiene and safety practices to prevent contact with skin and subsequent staining.
8.2.1.5	Other controls	Emergency eye wash fountain should be close by. Wash hands after use. Do not eat, drink or smoke.
8.2.2	Environmental exposure controls	Follow all government regulations.
9.0	**Physical and Chemical Properties**	
9.1	Characteristics	
9.1.1	Appearance / Color / Physical state	Very dark blue liquid
9.1.2	Odor	None
9.2	Important health, safety and environmental information	
9.2.1	pH	Not determined
9.2.2	Boiling point	Boiling Point: 220°F / 105°C
9.2.3	Flash point	Not applicable
9.2.4	Ignition temperature	Not applicable
9.2.5	Explosive properties	Not applicable
9.2.6	Odor threshold	Not applicable
9.2.7	Vapor pressure	Not determined
9.2.8	Specific gravity	1.060

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9.2.9	Solubility in water	Complete
9.2.10	Partition coefficient	Not determined
9.2.11	Viscosity	Not determined
9.2.12	Vapor density	Not determined
9.2.13	Evaporation rate	Not determined
10.0	**Stability and reactivity**	
10.1	Conditions to avoid	None.
10.2	Materials to avoid	None
10.3	Hazardous decomposition products	None
10.4	Further information	None
11.0	**Toxicological information**	
11.1	Acute toxicity	Not toxic. Minimal health hazard under normal conditions of use.
11.2	Irritation and corrosiveness	May cause irritation/redness of eyes, skin or respiratory system.
11.3	Sensitization	Not applicable.
11.4	Sub-acute, sub-chronic and prolonged toxicity	Not toxic
11.5	Carcinogenicity, Mutagenicity, Reproductive Toxicity	Not carcinogenic. No mutagenicity/ reproductive toxicity known.
11.6	Empirical data	None available
11.7	Clinical experience	Snoop has been sold to and used by dentists all over the world for about 15 years with no reported problems.
12.0	**Ecological Information**	
12.1	Ecotoxicity	Not toxic. Follow good work practices and government regulations.
13.0	**Disposal Considerations**	
13.1	Regulations	Follow all local and national government regulations in disposing material or contaminated packaging.
14.0	**Transport Information**	
14.1	UN Number	Not regulated
14.2	Technical name	Not applicable
14.3	Packing group	Not applicable
14.4	IATA class	Not applicable
15.0	**Regulatory Information**	
15.1	EU	Class IIa medical device under MDD 93/42/EEC.
15.2	US FDA	Class II medical device
15.3	Health Canada	Class II medical device

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16.0	Other information	
16.1	List of relevant R phrases	R36/37/38: Irritating to eyes, skin, and respiratory system.
16.2	Hazard Statements	H319: Causes serious eye irritation. Category 2. H335: Specific Target Organ Toxicity (STOT), single exposure, respiratory tract, Category 3: May cause respiratory irritation. H315: Causes skin irritation. Category 2.
16.3	Precautionary Statements	P261: Avoid breathing fumes. P280: Wear protective gloves / clothing and eye protection. P304+P340: If inhaled, remove victim to fresh air and keep at rest in a position comfortable for breathing. P305+P351+P338: If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P303+P361+P353: If on skin or hair, remove contaminated clothing. Rinse skin with water.
16.4	Restrictions on use	Pulpdent dental materials, such as Snoop are to be sold to and used by dental professionals only.
16.5	Further information	The information presented herein is believed to be factual as it has been derived from the works of persons believed to be qualified experts. However, nothing contained in this information is to be taken as a warranty or representation for which Pulpdent Corporation bears legal responsibility. The user should review any recommendations in the specific context of the intended use to determine whether they are appropriate.
16.6	Sources of key data	National Institute for Occupational Safety (NIOSH) US Occupational Safety and Health Administration (OSHA) Eur-Lex European Union Law: Regulation (EC) No. 1272/2008 (CLP) and Regulation (EC) No. 1907/2006 (REACH). Guidance on the compilation of safety data sheets. Version 1.1; December 2011. European Chemicals Agency
16.7	Information which has been added, deleted or revised.	This Safety Data Sheet has been revised to meet the requirements of GHS SDS format and Regulations (EC) No. 1272/2008 (CLP) and (EC) No. 1907/2006 (REACH). Specifically Sections 2.1, 2.2, 3.2, 16.2, 16.3 have been modified.

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