
MATERIAL SAFETY DATA SHEET: TO DYE FOR

Trade Name: TO DYE FOR
Chemical Description: Colorant in propylene glycol and water solution.
Product Use: Dental caries indicator

SECTION I

Pulpdent Corporation Phone Numbers
80 Oakland Street 24 Hr. Emergency: 1-800-535-5053
Watertown, MA 02472 USA Customer Service: 1-800-343-4342/1-617-926-6666
Date prepared: January 1, 2003

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: n/a
Color: Red or Blue		

SECTION IV - FIRE AND EXPLOSION HAZARD

Flash point: n/a **Auto-ignition temperature:** n/a
Flammable limits: n/a **Hazardous Combustion Products:** none
Extinguishing Media: 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	Will stain skin

Ingestion None expected under normal conditions of use

Summary of Chronic Hazards: None expected under normal conditions of clinical practice.

Carcinogenicity	Not known to be a carcinogen.
Teratogenicity	None known
Mutagenicity	None known
Reproductive toxicity	None known

Emergency First Aid Procedures:

Inhalation	Remove patient to fresh air. Seek medical advice
Eye contact	Wash eye 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.

Steps to be taken if material is released or spilled: For small quantities (as in this product): Wear gloves and safety glasses. Pick up with absorbent material, such as paper or cloth.

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 are recommended to prevent staining of skin.

Eye Protection: Safety glasses are recommended when normal conditions of use are anticipated.

Other Protective Clothing or Equipment: Emergency eye wash fountain.

Work / Hygienic Practices: Wash hands after use

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