

MSDS**Material Safety Data Sheet**

24 HOUR EMERGENCY
TELEPHONE NUMBER
CALL CHEMTREC
1-800-424-9300

189 Twin County Road • Morgantown, PA 19543 • (610) 524-5810

Crystal Violet, 1%
MATERIAL SAFETY DATA SHEET

Date Issue: January 22, 2006

The following information is believed to be correct but is not warranted as such, nor does it purport to be all inclusive.

Product Identification

Product Name: Crystal Violet, 1%
Product Code: ES800, ES801, ES802, ES808
Product Description: A aqueous solution of crystal violet.

Health	0
Flammability	0
Reactivity	0
Physical Hazard	None

Section 1 - Shipping Data

DOT Shipping Name:* Not applicable
DOT Hazard Class: Not applicable
DOT Identification: Unregulated

Tel. # for information: (610) 524-5810
Emergency Tel. #: (800) 424-9300
Prepared by: P.B.

Section 2 - Hazardous Ingredients / Identity Information

CHEMICAL COMPONENTS	CAS#	%	OSHA PEL	ACGIH TLV
crystal violet	548-62-9	~ 1.0% w/v	-----	-----

Section 3 - Physical / Chemical Characteristics

Boiling Point:	100° C	Specific Gravity (H₂O = 1):	1.01
Vapor Pressure (mm Hg and Temperature):	18 @ 20° C	Evaporation Rate (n-butyl alcohol= 1):	1
Vapor Density (AIR=1):	0.6	Solubility in Water:	100%
Appearance and Odor: Purple, odorless solution.			

Section 4 - Fire and Explosion Hazard Data

Flash Point (Method Used): Not applicable **Flammability Limits:** Not applicable
Extinguishing Media: Not applicable
Special Fire Fighting Procedures: Not applicable
Unusual Fire and Explosive Hazards: Pyrolysis will release corrosive oxides.

Section 5 - Reactivity Data

Stability: Stable **Conditions to Avoid:** Heat and direct sunlight
Incompatibility (Materials to Avoid): Nothing unusual.
Precautions to be taken in Handling and Storage: Store at room temperature.

Section 6 - Health Hazard Data

Routes of Entry	Inhalation? no	Skin Absorption? no	Ingestion? yes
Carcinogenicity? no	NTP? no	IARC Monographs? no	OSHA Regulated? no

Health Hazards (Acute and Chronic): May be irritating to skin and eyes. The health effects of crystal violet (also known as gentian violet) have not been thoroughly investigated.

Signs and Symptoms of Exposure: May cause contact dermatitis.

Medical Conditions Generally Aggravated by Exposure: The manufacturer is unaware of any.

Emergency and First Aid Procedures:

Seek medical assistance for further treatment, observation and support if necessary.

Eye Contact: Flush with water at least 15 minutes and get medical attention if irritation persists.

Skin contact: Remove contaminated clothing and flush with water. Get medical attention if irritation persists.

Ingestion: Contact a poison control center.

Section 7 - Precautions For Safe Handling and Use

Steps to be Taken In Case of Spill Or Release: Absorb with a suitable absorbent (such as a paper towel) and dispose.

Waste Disposal Methods: May usually be flushed down drain with excess water, but local ordinances vary. Insure compliance with all government regulations.

Section 8- Control Measures

Respiratory Protection (Specify Type): Not required.

Ventilation: General ventilation is usually sufficient.

Protective Gloves: Not required.

Eye Protection: Not required but laboratory safety goggles or similar products are recommended as part of good laboratory practice.

Other Protective Clothing And Equipment: Not required.

Hygienic Work Practices: Wash well after handling, especially before eating and smoking.

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