

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, 2%
MATERIAL SAFETY DATA SHEET

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, 2%
Product Code: ES864
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	~ 2.0% ^{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?	Skin Absorption?	Ingestion?
	no	no	yes
Carcinogenicity?	NTP?	IARC Monographs?	OSHA Regulated?
no	no	no	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.

AZER SCIENTIFIC INC. MAKES NO REPRESENTATION AS TO THE COMPREHENSIVENESS OR ACCURACY OF THIS INFORMATION. INDIVIDUALS RECEIVING THIS INFORMATION MUST EXERCISE THEIR INDEPENDENT JUDGMENT IN DETERMINING ITS APPROPRIATENESS FOR A PARTICULAR PURPOSE. ACCORDINGLY, AZER SCIENTIFIC INC. WILL NOT BE RESPONSIBLE FOR DAMAGES OF ANY KIND OR NATURE RESULTING FROM THE USE OF ANY SUCH INFORMATION. NO REPRESENTATIONS OR WARRANTIES OF ANY KIND OR NATURE, INCLUDING BUT NOT LIMITED TO, EXPRESS WARRANTIES, IMPLIED WARRANTIES OF MERCHANTABILITY, OR WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE, ARE MADE HEREUNDER WITH RESPECT TO THE INFORMATION SET FORTH HEREIN OR TO THE PRODUCT TO WHICH THE INFORMATION REFERS.