

MATERIAL SAFETY DATA SHEET

GENTIAN VIOLET 1% & 2% SOLUTIONS

Delasco Dermatologic Lab & Supply, Inc.
608 13th Ave., Council Bluffs, IA 51501 1-712-323-3269
www.delasco.com questions@delasco.com
Date prepared: December 2010

The statements herein are offered for informational purposes only and are intended to be followed only by persons having related technical skills and at their own discretion and risk. Since conditions and manner of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.

Product/Chemical Name: GENTIAN VIOLET 1% & 2% Solutions, Crystal Violet, Gram Stain #1

Formula: C₂₅ H₃₀ClN₃

Physical Description: Purple liquid with strong staining characteristics. Water soluble.

Special Hazards: Self-contained breathing apparatus required.

Unusual Fire/Explosion Hazards: Negligible when exposed to heat or flame.

Reactivity: Stable under normal temperatures and pressure.

Hazardous Decomposition Products: Thermal decomposition products may include toxic oxides of nitrogen and carbon and toxic and corrosive fumes of chlorides.

Spill or Leak Procedures

Action: No special precautions indicated.

Disposal Method: To be performed in compliance with all current local, state and federal regulations.

Threshold Limit Value: 420 mg/kg oral-rat LD50; 1000mg/kg oral-dog LD50

Overexposure Effects: Prolonged contact may cause irritation and possibly necrosis. Sufficient amounts may cause dyspnea, methemoglobinemia, and cyanosis.

Potential Carcinogen: No

First Aid Procedures

Skin: Remove contaminated clothing and shoes. Wash with soap or mild detergent and large amounts of water until no evidence of chemical remains (15-20 minutes). Get medical attention immediately.

Eyes: Check for and remove any contact lenses. Flush eyes immediately with large amounts of water or normal saline, occasionally lifting upper and lower lids until no evidence of chemical remains (15-20 minutes). Get medical attention immediately.

Ingestion: Check for and remove any dentures. If person is conscious and not convulsing, induce emesis by giving syrup of Ipecac followed by water. If vomiting occurs keep the head below the hips to prevent aspiration. Repeat in 20 minutes if not effective. Give activated charcoal.

Inhalation: Remove from exposure area to fresh air immediately. If breathing has stopped perform CPR. Get medical attention.

Storage Recommendations: Store protected from light at room temperature.

Special Protection Information

Exhaust ventilation recommended. Protective gloves and safety goggles required.

Special Handling Precautions

N/A