

Humco Holding Group, Inc.  
7400 Alumax Drive  
Texarkana, TX 75501  
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Item #0395-1003

**GENTIAN VIOLET 1% U.S.P.**

**DATE ISSUED: 04/10/07**

**SECTION I HAZARDOUS PRODUCT/INGREDIENT PER 20 CFR 1910.1200**

<b>NO.</b>	<b>COMPOSITION</b>	<b>PERCENT</b>
P	Ethyl Alcohol	10%
1	Gentian Violet	1%
2	Water	88%

**SECTION II ACUTE TOXICITY DATA**

<b>NO.</b>	<b>ACUTE ORAL LD50</b>	<b>ACUTE DERMAL LD50</b>
P	14 g/kg (rats) (for ethyl alcohol)	9.4 ml/kg (rabbits) (for ethyl alcohol)

**SECTION III PHYSICAL DATA**

**Melting Point:** (Deg F) N/A      **Vapor Pressure:** (MM HQ) (Ethyl Alcohol) 40 @19°C

**Solubility:** (In water) complete      **Vapor Density:** (Air=1) (Ethyl Alcohol) 1.59

**Boiling Point:** (Deg F) 173°F (Ethyl Alcohol)

**Specific Gravity:** (H2O=1) 0.988 @ 25°C      **Evaporation Rate (N-Butyl Acetate=1):** N/A

**Appearance and Odor:** Purple liquid, slight alcohol odor.

**SECTION III A DEGREE OF HAZARD**

**Degree of Hazard**

4 - Extreme	Flammability	1
3 - High	Health	1
2 - Moderate	Reactivity	0
1 - Slight	Special Hazard	0
0 - Insignificant		

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**SECTION IV FIRE AND EXPLOSION HAZARDS**

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**Flash Point and Method:** >140°F (approx.) Tag Open Cup

**Extinguishing Media:** Alcohol foam, dry chemical, CO<sub>2</sub>, and water spray.

**Special Firefighting Procedures and Precautions:** None

**Unusual Fire and Explosion Hazards:** No unusual hazards

**Flammable Limits/% Volume in Air:** Lower: 3.3% Upper: 19%  
(for Ethyl Alcohol) (for Ethyl Alcohol)

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**SECTION V HEALTH HAZARD INFORMATION**

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**ACGIN TLV/TWA** 1000ppm

**Inhalation:** Over exposure to vapors may cause irritation to the eyes, nose, throat, and respiratory tract, headache, and drowsiness may occur.

**Skin Contact:** Mildly irritating to the skin.

**Skin Absorption:** May cause mild irritation.

**Eye Contact:** Moderately irritating to the eyes.

**Ingestion:** Considered to be moderately toxic (Ethyl Alcohol).

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**SECTION VI EMERGENCY AND FIRST AID PROCEDURES**

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**Eyes:** Flush eyes with low pressure water for at least 15 minutes. Get medical attention if irritation persists.

**Skin:** Wash thoroughly with soap and water, then rinse.

**Inhalation:** If breathing is affected, remove victim to fresh air. If breathing is difficult give oxygen. If difficulty continues, obtain medical attention.

**Ingestion:** Do not induce vomiting if victim is unconscious or drowsy. Otherwise, if within the first 15 minutes, give Syrup of Ipecac. Call Poison Control or physician immediately.

**Notes to Physician:** Do not induce vomiting without first calling Poison Control Center. Treatment depends on volume of substance, and time elapsed.

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**SECTION VII**

**REACTIVITY**

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**Stability:** Stable.

**Hazardous Polymerization:** Will not occur.

**Conditions and Materials to Avoid:** Avoid heat, sparks, open flame. Reacts with strong oxidizing agents.

**Hazardous Decomposition Products:** Carbon Monoxide

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**SECTION VIII**

**EMPLOYEE PROTECTION**

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**Control Measures:** Explosion proof ventilation as required to control vapor concentrations.

**Respiratory Protection:** Use either an atmosphere supplying respirator or an air purifying respirator for organic vapors. If permissible exposure level is exceeded, use NIOSH approved respirator.

**Protective Clothing:** Wear plastic or rubber gloves to prevent skin contact.

**Eye Protection:** Wear safety glasses or chemical goggles to avoid contact with eyes.

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**SECTION IX**

**ENVIRONMENTAL PROTECTION**

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**Spill or Leak Procedures:** Eliminate all ignition sources. Equipment must be grounded to prevent sparking. Shut off source, dike and contain. For small spills take up with absorbent material. Place in non-leaking containers, seal tightly for proper disposal.

**Waste Disposal:** Refer to latest E.P.A. or state regulations regarding proper disposal.

**Environmental Hazards:** Under E.P.A./CERCLA (Superfund), releases to air, land, or water may be reportable to the National Response Center, 1-800-424-8802. (Circumstances surrounding the release and clean-up determine reportability).

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**SECTION X**

**SPECIAL PROTECTION INFORMATION**

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**Ventilation Requirements:** Use explosion proof ventilation as required to control vapor concentrations.

**Other Clothing and Equipment:** Eye wash fountains and safety showers for emergency use.

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**SECTION XI**

**TRANSPORTATION DATA**

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**HAZARDOUS CHARACTERISTICS:** None

**D.O.T. Classifications:** None