

Humco Holding Group, Inc.
7400 Alumax Drive
Texarkana, TX 75501
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Item #0395-1005

GENTIAN VIOLET 2%

DATE ISSUED: 04/10/07

SECTION I HAZARDOUS PRODUCT/INGREDIENT PER 20 CFR 1910.1200

NO.	COMPOSITION	PERCENT
P	Ethyl Alcohol	10%
1	Gentian Violet	2%
2	Water	88%

SECTION II ACUTE TOXICITY DATA

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

SECTION III PHYSICAL DATA

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

Melting Point: (Deg F) N/A

Specific Gravity: (H₂O=1) 0.988 at 25°C

Solubility: (In water) complete

Vapor Pressure: (MM HQ) (Ethyl Alcohol) 40 at 19°C

Vapor Density: (Air=1) (Ethyl Alcohol) 1.59

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		

SECTION IV FIRE AND EXPLOSION HAZARDS

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

Extinguishing Media: Alcohol foam, dry chemical, CO₂, 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)

SECTION V HEALTH HAZARD INFORMATION

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).

SECTION VI EMERGENCY AND FIRST AID PROCEDURES

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.

SECTION VII REACTIVITY

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

SECTION VIII EMPLOYEE PROTECTION

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.

SECTION IX ENVIRONMENTAL PROTECTION

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).

SECTION X

SPECIAL PROTECTION INFORMATION

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.

SECTION XI

TRANSPORTATION DATA

HAZARDOUS CHARACTERISTICS: None

D.O.T. Classifications: None