

## GRAM'S SAFRANINE

### SECTION 1: CHEMICAL PRODUCT IDENTIFICATION

**Product Name:** GRAM'S SAFRANINE

**Product Code:** TBL 026

**CAS#:** Not available

**CI#:** Not available

**Synonym:** Not available

**Chemical Name:** Not available

**Chemical Formula:** Not available

### SECTION 2: COMPOSITION AND INFORMATION ON INGREDIENTS

**Composition:**

**Name:** Not Available

**Toxicological Data on Ingredients:** Flammable liquids (Category 3), H226

### SECTION 3: HAZARDS IDENTIFICATION

**Potential Acute Health Effects:** Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.

**Potential Chronic Health Effects:**

**Carcinogenic Effects:** Not available

**Mutagenic Effects:** Not available

**Teratogenic Effects:** Not available

**Developmental Toxicity:** Not available

### SECTION 4: FIRST AID MEASURES

**Eye Contact:** Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Warm water must be used. Get medical attention if irritation occurs.

**Skin Contact:** Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

**Serious Skin Contact:** Not available

**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**Serious Inhalation:** Not available

**Ingestion:** Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

**Serious Ingestion:** Not available

### SECTION 5: FIRE FIGHTING MEASURES

**Flammability of the Product:** May be combustible at high temperature

**Auto-Ignition Temperature:** Not available

**Flash Points:** Not available

**Flammable Limits:** Not available



**Products of Combustion:** Not available

**Fire Hazards in Presence of Various Substances:** Slightly flammable to flammable in presence of heat.

**Explosion Hazards in Presence of Various Substances:**

Risks of explosion of the product in presence of mechanical impact: Not available

Slightly explosive in presence of open flames and sparks.

**Fire Fighting Media and Instructions:**

**Small Fire:** Use DRY chemical powder

**Large Fire:** Use water spray, fog or foam. Do not use water jet.

**Special Remarks on Fire Hazards:** As with most organic solids, fire is possible at elevated temperatures

**Special Remarks on Explosion Hazards:** Not applicable

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Small Spill:** Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements

**Large Spill:** Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow evacuating through the sanitary system.

### SECTION 7: HANDLING AND STORAGE

**Precautions:** Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust. Keep away from incompatibles such as oxidizing agents.

**Storage:** Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Storage class (TRGS 510): Flammable liquids.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

**Personal Protection:** Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent gloves.

**Personal Protection in Case of a Large Spill:** Splash goggles, full suit, dust respirator, boots and gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist before handling this product.

**Exposure Limits:** Not available.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state and appearance</b>	: Liquid
<b>Odor</b>	: Not available
<b>Taste</b>	: Not available
<b>Molecular Weight</b>	: Not available
<b>Color</b>	: Red
<b>pH</b>	: Not available
<b>Boiling Point</b>	: Not available
<b>Melting Point</b>	: Not available
<b>Critical Temperature</b>	: Not available
<b>Specific Gravity</b>	: Not available

Vapor Pressure	: Not applicable
Vapor Density	: Not available
Volatility	: Not available
Odor Threshold	: Not available
Water/Oil Dist. Coeff.	: Not available
Ionicity (in Water)	: Not available
Dispersion Properties	: Not available
Solubility	: Not available

#### SECTION 10: STABILITY AND REACTIVITY DATA

**Stability:** The product is stable  
**Instability Temperature:** Not available  
**Conditions of Instability:** Excess heat  
**Incompatibility with various substances:** Stable under recommended storage conditions  
**Corrosivity:** Not applicable  
**Special Remarks on Reactivity:** Not available  
**Special Remarks on Corrosivity:** Not available  
**Polymerization:** Will not occur

#### SECTION 11: TOXICOLOGICAL INFORMATION

**Toxicity to Animals:**  
**LD50:** Not available  
**LC50:** Not available  
**Chronic Effects on Humans:** Not available  
**Other Toxic Effects on Humans:** Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation  
**Special Remarks on Toxicity to Animals:** Not available  
**Special Remarks on Chronic Effects on Humans:** Not available  
**Special Remarks on other Toxic Effects on Humans:** IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

#### SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity:** Not available  
**BOD5 and COD:** Not available.  
**Toxicity of the Products of Biodegradation:** Not available  
**Special Remarks on the Products of Biodegradation:** Not available

#### SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal:** Waste must be disposed of in accordance with federal, state and local environmental control regulations.

#### SECTION 14: TRANSPORT INFORMATION

**DOT Classification:** Not a DOT controlled material (United States).  
**Identification:** Not applicable



**Special Provisions for Transport:** Not applicable

### **SECTION 15: OTHER REGULATORY INFORMATION**

**Federal and State Regulations:** TSCA 8(b) inventory: GRAMS CRYSTALS VIOLET

**Other Regulations:** Not available

**Other Classifications:** Not available

**WHMIS (Canada):** Not controlled under WHMIS (Canada)

**DSCL (EEC):** . Not applicable

**HMIS (U.S.A.):** Not applicable

**Health Hazard:** 1

**Fire Hazard:** 1

**Reactivity:** 0

**Personal Protection:** E

**National Fire Protection Association (U.S.A.):**

### **SECTION 16: OTHER INFORMATION**

**References:**

**Full Text of H-Statements:**

H225 Highly flammable liquid and vapour

H226 – Flammable liquids (Category 3) – Flammable liquid and vapour

H319 Causes serious eye irritation.

**Other Special Considerations:** Not available

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