

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Blue Feulgen Stain

**SYNONYMS:** None

**PRODUCT CODES:** ES36984

**MANUFACTURER:** Azer Scientific, Inc.

**ADDRESS:** 701 Hemlock Rd, Morgantown, PA 19543

**CHEMTREC PHONE:** 800-424-9300

**SUPPORT:** 610-524-5810

**FAX:** 610-901-3046

**PRODUCT USE:** Laboratory Reagent. For professional use only

**PREPARED BY:** FF

**SECTION 1 NOTES:**

## SECTION 2: HAZARDS IDENTIFICATION

**GHS CLASSIFICATION:** Skin irritation (Category 2) – H315; Eye irritation (Category 2) – H320

**Classification:**

**Directive**

**1999/45/EC**



**Xi R36/38; S36/37/39**

Irritant



**Signal Word:** Warning

Hazard Phrases	
H315	Causes skin irritation
H320	Causes eye irritation

Precautionary Phrases	
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P305+P351	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Other Hazards	
<b>PBT:</b> This mixture does not contain any substances that are assessed to be a PBT.	
<b>vPvB:</b> This mixture does not contain any substances that are assessed to be a vPvB.	



**SECTION 2 NOTES:**

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical Description:** Mixture

\*May contain additional non-hazardous proprietary ingredients.

\*May contain additional active ingredients at concentrations <0.1%w/v.

Hazardous Ingredients:	CAS#	EC#	GHS Symbols	%
Acetic Acid	64-19-7	200-580-7	 Warning. 3, H226 Flammable liquid and vapour.  Danger. 1A H314 Causes severe skin burns and eye damage.	≤ 0.2
Cresyl Violet Acetate	10510-54-0	234-043-3	N/A	≤ 0.1

**SECTION 3 NOTES:**

## SECTION 4: FIRST AID MEASURES

**Description of first aid measures**

**Eye Contact:** Check for and remove contact lenses. Immediately flush eyes with copious amounts of water. Get immediate medical attention if irritation persists.

**Skin Contact:** Remove contaminated clothing and wash contact area with mild soap and copious amounts of water. Get medical attention if irritation develops.

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

**Ingestion:** Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as collar, tie, belt or waistband. Get immediate medical attention.

**Most important symptoms and effects, both acute and delayed**

See section 2.

**Indication of any immediate medical attention and special treatment needed**

No data available

**SECTION 4 NOTES:**

## SECTION 5: FIRE-FIGHTING MEASURES

**Extinguishing Media:** Extinguish fire using water spray, carbon dioxide, chemical foam, or dry chemical.

**Special hazards arising from the substance or mixture:** No unusual fire or explosion hazards expected.

**Advice for firefighters:** As with any fire, wear personal protection equipment, including a self-contained breathing apparatus (S.C.B.A.)

**SECTION 5 NOTES:**

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

Wear chemical resistant clothing, gloves, and eye protection. Wear NIOSH/MSHA approved breathing apparatus.

**Environmental precautions**

Keep material away from heat, flame, ignition sources, and reactive materials. Don't allow product to enter drain.

**Methods and materials for containment and cleaning up**

Wipe up or absorb spill using inert absorbent and place in a suitable waste container for disposal.

**SECTION 6 NOTES:**

## SECTION 7: HANDLING AND STORAGE

**Precautions for safe handling.**

Avoid contact with skin and eyes. Wash thoroughly after handling. Avoid breathing vapor.

**Conditions for safe storage, including any incompatibilities.**

Store in well ventilated area. Keep container tightly closed. Store at 2-8°C.

## SECTION 7 NOTES:

## SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

**Control parameters**
**Exposure Limits:**

Acetic acid, glacial;

**ACGIH TLV:** 15ppm (37 mg/m<sup>3</sup>) STEL  
 10 ppm (25 mg/m<sup>3</sup>) TWA

**NIOSH REL:** 15 ppm (37 mg/m<sup>3</sup>) STEL  
 10 ppm (25 mg/m<sup>3</sup>) TWA

**OSHA PEL:** 10 ppm (25 mg/m<sup>3</sup>) TWA

**Exposure controls**
**Personal Protective Equipment (PPE):**
**Eye/Face protection.**

Safety glasses or goggles are required.

**Skin protection.**

Protective clothing is required.

**Hand protection.**

Chemical resistant gloves are required.

Glove material must be resistant to the components of this product.

Consult glove manufacturer for specific recommendations of appropriate material and thickness of glove.

**Respiratory protection.**

Avoid breathing vapor.

**Environmental exposure controls.**

Avoid releasing large quantities into the environment.

No additional information.

**Engineering Controls**

Working area should be adequately large and well ventilated to prevent concentration of vapors.

Provide mechanical exhaust ventilation or other engineering controls to keep airborne concentrations of vapors below their respective threshold limits.

## SECTION 8 NOTES:

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Liquid
<b>Color</b>	Dark Violet
<b>Odor</b>	Very slight acetic acid odor
<b>Odor Threshold</b>	Unknown
<b>pH</b>	Unknown
<b>Melting Point/ Freezing Point</b>	Unknown
<b>Initial Boiling Point</b>	Unknown
<b>Flash Point</b>	Unknown
<b>Evaporation Rate</b>	Unknown
<b>Flammability (solid, gas)</b>	Unknown
<b>Upper/Lower Flammability Limits</b>	Unknown
<b>Vapor Pressure</b>	Unknown
<b>Vapor Density</b>	Unknown
<b>Relative Density</b>	Unknown
<b>Solubility(ies)</b>	Water
<b>Partition Coefficient: n-octanol/water</b>	Unknown
<b>Auto-ignition Temperature</b>	Unknown
<b>Decomposition Temperature</b>	Unknown
<b>Viscosity</b>	Unknown
<b>Explosive Properties</b>	Not explosive.
<b>Oxidizing Properties</b>	Unknown

SECTION 9 NOTES:

SECTION 10: STABILITY AND REACTIVITY

<b>Reactivity:</b>	No relevant data available.
<b>Chemical Stability:</b>	Stable under normal temperatures and pressures.
<b>Possibility of Hazardous Reactions:</b>	No hazardous reactions known.
<b>Conditions to Avoid:</b>	Fire, static electricity, direct sunlight.
<b>Incompatible Materials:</b>	Strong oxidizers, strong bases.
<b>Hazardous Decomposition Materials:</b>	Carbon oxides.

SECTION 10 NOTES:

SECTION 11: TOXICOLOGICAL INFORMATION

<b>Information on Toxicological Effects.</b>	<b>Acute Toxicity.</b> No relevant data available <b>Skin Corrosion/Irritation.</b> Irritating to skin and mucous membranes. <b>Serious Eye Damage/Irritation.</b> Irritating to eye. <b>Respiratory or skin sensitization.</b> No relevant data available. <b>Germ Cell Mutagenicity.</b> No relevant data available.
<b>Carcinogenicity.</b>	<b>International Agency for Research on Cancer (IARC).</b> None of the components are listed. <b>National Toxicology Program (NTP).</b> None of the components are listed.

SECTION 11 NOTES:

SECTION 12: ECOLOGICAL INFORMATION

<b>Toxicity:</b>	<b>Fish:</b> No relevant studies identified. <b>Crustacea:</b> No relevant studies identified. <b>Algae/Aquatic Plants:</b> No relevant studies identified. <b>Other Organisms:</b> No relevant studies identified.
<b>Persistence and Degradability:</b>	No relevant studies identified.
<b>Bioaccumulative Potential:</b>	No relevant studies identified.
<b>Mobility in Soil:</b>	Miscible in water. May spread in water systems. This component is non-volatile.
<b>Additional Remarks:</b>	None.
<b>Results of PBT and vPvB Assessment:</b>	<b>PBT:</b> This mixture does not contain any substances that are assessed to be a PBT. <b>vPvB:</b> This mixture does not contain any substances that are assessed to be a vPvB.

SECTION 12 NOTES:

SECTION 13: DISPOSAL CONSIDERATIONS

<b>Waste Disposal Methods:</b>	Sewage disposal is discouraged. Waste should not be disposed of by release to sewers. Dispose waste in accordance with federal, state and local environmental control regulations.
<b>Product/Packaging Disposal:</b>	Final decisions on the appropriate waste management method must be in line with local, regional and national regulations.

**Other Disposal Recommendations:** No relevant data available.

**SECTION 13 NOTES:**

**SECTION 14: TRANSPORT INFORMATION**

**UN Number**

**DOT, IATA,IMDG, ADR:**

DOT: Not dangerous goods  
ADR/RID: Not dangerous goods  
IMDG: Not dangerous goods  
IATA: Not dangerous goods

**UN Proper Shipping Name**

**DOT, IATA,IMDG, ADR:**

ADR/RID: Not dangerous goods  
IMDG: Not dangerous goods  
IATA: Not dangerous goods  
DOT: Not dangerous goods

**Transport Hazard Class(es):**

DOT: Not dangerous goods  
IATA: Not dangerous goods  
IMDG: Not dangerous goods  
ADR/RID: Not dangerous goods

**Packing Group**

**DOT, IATA,IMDG, ADR:**

ADR/RID: Not dangerous goods  
IMDG: Not dangerous goods  
IATA: Not dangerous goods  
DOT: Not dangerous goods

**Environmental Hazards:**

**Marine Pollutant:** No

**Special Precautions for User:**

Not applicable

**SECTION 14 NOTES:**

**SECTION 15: REGULATORY INFORMATION**

**Extremely Hazardous Substances; Section 355**

None of the components in this kit are listed.

**Toxic Substances Control Act; TSCA**

All of the components in this kit are listed.

**California Proposition 65**

None of the components in this mixture are listed.

**Right To Know Components**

None of the components in this mixture are listed.

**Chemical Safety Assessment**

No Chemical Safety Assessment has been carried out for this substance/mixture by Azer Scientific.

**R phrases:**

R36/38

Irritating to eyes, respiratory system and skin.

**S phrases:**

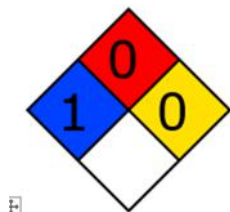
**S36/37/39**

Wear suitable protective clothing, gloves and eye/face protection.

**SECTION 15 NOTES:**

**SECTION 16: OTHER INFORMATION**

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



**DISCLAIMER:** This Safety Data Sheet has been prepared in accordance with the Globally Harmonized System for the Classification and Labelling of Chemicals (GHS). To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries makes any warranty of merchantability or any other warranty, expressed or implied, which respect to such information, and we assume no liability resulting from its use. In no event shall Azer Scientific be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages resulting from use of or reliance upon this information.

**PREPARATION INFORMATION: Prepared 04/27/2021**