

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Blue Feulgen Decolorizer

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



Xn R36/37/38; S7, S24/25, S26

Harmful



Signal Word: Danger!

Hazard Phrases	
H251	Self-heating; may catch fire
H318, H319	Causes serious eye irritation and damage.
H335	May cause respiratory irritation

Precautionary Phrases	
P261	Avoid breathing dust/fumes/gas/mist/vapours/spray.
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.
P337 + P313	If eye irritation persists: Get medical advice/attention

Other Hazards	
PBT: This mixture does not contain any substances that are assessed to be a PBT.	
vPvB: 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: Solid Substance – not a mixture

Hazardous Ingredients:	CAS#	EC#	GHS Symbols	%
Sodium Hydrosulfite	7775-14-6	231-890-0	See above section 2	≤ 100

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 15-30°C.

SECTION 7 NOTES:
SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION
Control parameters
Exposure Limits:

N/A

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

Physical State	Solid
Color	White
Odor	Sulfur Dioxide smell
Odor Threshold	Unknown
pH	Unknown
Melting Point/ Freezing Point	Unknown
Initial Boiling Point	Unknown
Flash Point	Unknown
Evaporation Rate	Unknown
Flammability (solid, gas)	Unknown
Upper/Lower Flammability Limits	Unknown
Vapor Pressure	Unknown
Vapor Density	Unknown
Relative Density	Unknown
Solubility(ies)	Water
Partition Coefficient: n-octanol/water	Unknown
Auto-Ignition Temperature	Unknown
Decomposition Temperature	Unknown
Viscosity	Unknown
Explosive Properties	Not explosive.
Oxidizing Properties	Unknown

SECTION 9 NOTES:
SECTION 10: STABILITY AND REACTIVITY
Reactivity:

No relevant data available.

Chemical Stability:

Stable under normal temperatures and pressures.

Possibility of Hazardous Reactions:

No hazardous reactions known.

Conditions to Avoid:

Fire, static electricity, direct sunlight.

Incompatible Materials:

Strong oxidizers, silver salts, acid chlorides, alkali metals, metal hydrides, hydrazine.

Hazardous Decomposition Materials: Will not occur.

SECTION 10 NOTES:

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects. **Acute Toxicity.**
LD50/oral/rat = 2500 mg/kg Oral LD50 Rat
LD50/oral/mouse = 1500 mg/kg oral LD50 mouse
Skin Corrosion/Irritation.
Irritating to skin and mucous membranes.
Serious Eye Damage/Irritation.
Irritating to eye.
Respiratory or skin sensitization.
Irritating to respiratory system. Symptoms may include coughing and wheezing, and shortness of breath.
Germ Cell Mutagenicity.
No relevant data available.

Carcinogenicity. **International Agency for Research on Cancer (IARC).**
None of the components are listed.
National Toxicology Program (NTP).
None of the components are listed.

SECTION 11 NOTES:

SECTION 12: ECOLOGICAL INFORMATION

Toxicity: **Fish:** No relevant studies identified.
Crustacea: No relevant studies identified.
Algae/Aquatic Plants: No relevant studies identified.
Other Organisms: No relevant studies identified.

Persistence and Degradability: No relevant studies identified.

Bioaccumulative Potential: No relevant studies identified.

Mobility in Soil: No relevant studies identified.

Additional Remarks: None.

Results of PBT and vPvB Assessment: **PBT:** This substance does not contain any substances that are assessed to be a PBT.
vPvB: This substance does not contain any substances that are assessed to be a vPvB.

SECTION 12 NOTES:

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Methods: 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.

Product/Packaging Disposal: 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: 1384
DOT, IATA, IMDG, ADR ADR/RID: 1384

IMDG: 1384
IATA: 1384

**UN Proper Shipping Name
DOT, IATA,IMDG, ADR** ADR/RID: Sodium dithionite
IMDG: Sodium dithionite
IATA: Sodium dithionite
DOT: Sodium dithionite

Transport Hazard Class(es) DOT: 4.2
IATA: 4.2
IMDG: Class 4.2
ADR/RID: 4.2

**Packing Group
DOT, IATA,IMDG, ADR** ADR/RID: II
IMDG: II
IATA: II
DOT: II

Environmental Hazards: **Marine Pollutant:** No

**Special Precautions for
User:** Not applicable.

SECTION 14 NOTES:

SECTION 15: REGULATORY INFORMATION

Extremely Hazardous Substances; Section 355

This is not considered an extremely hazardous substance.

Toxic Substances Control Act; TSCA

This substance is listed.

California Proposition 65

This substance is not listed.

Right To Know Components

This substance is not listed.

Chemical Safety Assessment

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

R phrases:

R36/37/38

Irritating to eyes, respiratory system and skin.

S phrases:

S7

Keep container tightly closed.

S24/25

Avoid contact with skin and eyes.

S26

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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