

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Histology Stain Kit-Blue Feulgen

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: Self-heating substances and mixtures (Category 1) – H251; Specific target organ toxicity (single exposure) (Category 3) – H335; Serious eye damage / eye irritation (Category 2B) – H318, H319

Classification:
Directive
 1999/45/EC



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

Harmful



C R41;

Corrosive



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/vapors/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 attention/advice.

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

See components SDS

SECTION 4: FIRST AID MEASURES

See components SDS

SECTION 5: FIRE-FIGHTING MEASURES

See components SDS

SECTION 6: ACCIDENTAL RELEASE MEASURES

See components SDS

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling.

Avoid damaging kit. 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. Mixed Storage Conditions, consult component labels for storage requirements.

SECTION 7 NOTES:

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

See components SDS

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

See components SDS

SECTION 10: STABILITY AND REACTIVITY

See components SDS

SECTION 11: TOXICOLOGICAL INFORMATION

See components SDS

SECTION 12: ECOLOGICAL INFORMATION

See components SDS

SECTION 13: DISPOSAL CONSIDERATIONS

See components SDS

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

No components are listed

Right To Know Components

No components are 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.

R41

Risk of serious damage to eyes.

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 16: OTHER INFORMATION

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



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PREPARATION INFORMATION: Prepared 04/27/2021

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	
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: 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/m³) STEL
 10 ppm (25 mg/m³) TWA

NIOSH REL: 15 ppm (37 mg/m³) STEL
 10 ppm (25 mg/m³) TWA

OSHA PEL: 10 ppm (25 mg/m³) 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

Physical State	Liquid
Color	Dark Violet
Odor	Very slight acetic acid odor
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, strong bases.
Hazardous Decomposition Materials:	Carbon oxides.

SECTION 10 NOTES:

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects.	Acute Toxicity. No relevant data available Skin Corrosion/Irritation. Irritating to skin and mucous membranes. Serious Eye Damage/Irritation. Irritating to eye. Respiratory or skin sensitization. No relevant data available. 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:	Miscible in water. May spread in water systems. This component is non-volatile.
Additional Remarks:	None.
Results of PBT and vPvB Assessment:	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 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, 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:

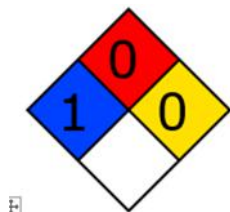
S36/37/39

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

SECTION 15 NOTES:

SECTION 16: OTHER INFORMATION

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



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PREPARATION INFORMATION: Prepared 04/27/2021

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.)



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PREPARATION INFORMATION: Prepared 04/27/2021

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Blue Feulgen Rinse Reagent

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



C R41; S7, S24/25, S26

Corrosive



Signal Word: Danger!

Hazard Phrases	
H318	Causes serious eye damage.

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	%
Potassium disulfite	16731-55-8	240-795-3	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	Unknown
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 - male and female - > 2,000 mg/kg Skin Corrosion/Irritation. Irritating to skin and mucous membranes. Serious Eye Damage/Irritation. Corrosive to eye. Respiratory or skin sensitization. No relevant data available. 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, 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

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:

R41

Risk of serious damage to eyes.

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.

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