SDS- Giemsa stain Page 1 of 9



1121 5<sup>th</sup> Street NW Washington, DC 20001 www.edvotek.com

# Safety Data Sheet

Version 2 Revision Date 10/28/2013

#### 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Giemsa stain

**Product Number:** 

Brand: Edvotek Supplier: Edvotek

1121 5<sup>th</sup> Street NW Washington, DC

20001

Telephone: 1-800-338-6835

or 202-370-1500

Fax: 202-370-1501

Emergency Phone #:

202-370-1500

### 2. HAZARDS IDENTIFICATION

# **Emergency Overview OSHA Hazards**

Chronic aquatic toxicity, , harmful if swallowed, causes serious eye damage, harmful to aquatic life with long lasting effects.

#### **GHS Classification**

Serious eye damage 1 Acute aquatic toxicity 3 Chronic aquatic toxicity 3

# **Signal Word**

Danger

# **Pictogram**



# Hazard statement(s)

H318 Causes serious eye damage.H412 Harmful to aquatic life with long lasting effects

SDS- Giemsa stain Page 2 of 9

## **Precautionary statement(s)**

**P273** Avoid release to the environment.

**P280** Wear protective gloves/ eye protection/ face protection.

## P305 + P351 + P338 IF IN EYES:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**P310** Immediately call a POISON CENTER or doctor/ physician.

**P501** Dispose of contents/ container to an approved waste disposal plant

### **HMIS Classification:**

Health hazard: 2 Flammability: 0 Physical hazard: 0

## **NFPA Rating:**

Health hazard: 2
Fire: 0
Reactivity Hazard: 0

#### **Potential Health Effects:**

**Inhalation** May be harmful if inhaled. **Skin** May be harmful if absorbed through skin.

Eyes Cause eye burns.

**Ingestion** Harmful if swallowed.

#### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Formula :  $C_{14}H_{14}CIN_3S$ 

Molecular Weight: 291.80 g/mol

Chemical name	EC No.	CAS -No	Concentration
Methylthioninium chloride	200-515-2	61-73-4	

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#### 4. FIRST AID MEASURES

#### **General information**

No special measures required.

#### If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult doctor in case of complaints.

#### In case of skin contact

Immediately wash off with soap and plenty of water. Get medical attention if symptoms develop.

## In case of eye contact

Flush eyes with water as a precaution. Get medical attention immediately if irritation persists.

#### If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Get medical attention if symptoms develop.

#### 5. FIREFIGHTING MEASURES

# **Conditions of flammability**

Not flammable or combustible.

# Suitable extinguishing media

Use water spray, alcohol resistant foam, dry chemical or carbon dioxide.

# Special protective equipment for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

# **Hazardous combustion products**

Carbon oxides, nitrogen oxides (NOx), Sulphur oxides, Hydrogen chloride gas, Hydrogen bromide gas

SDS- Giemsa stain Page 4 of 9

#### 6. ACCIDENTAL RELEASE MEASURES

## **Personal precautions**

Prevent skin/eye contact. Use personal protective equipment as needed.

## **Environmental precautions**

Dilute with plenty of water. Do not allow to enter sewers/ surface or ground water.

## Methods and materials for containment and cleaning up

Clean up spills immediately. Use absorbent materials if needed and dispose into a chemical waste container.

## 7. HANDLING AND STORAGE

## **Precautions for safe handling**

No special measures necessary. Good laboratory technique should be used when handling.

### Conditions for safe storage

No special measures necessary. Store at room temperature.

# **Incompatible Products**

No known products

## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

# Personal protective equipment Respiratory protection

Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

# **Hand protection**

Wear protective gloves. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices

# **Eye protection**

Avoid eye contact with this material. Wear chemical safety goggles.

# Skin and body protection

SDS- Giemsa stain Page 5 of 9

Use chemical gloves as needed. Use clean protective body covering clothing as needed to minimize contact with clothing and skin.

### **Hygiene measures**

Handle in accordance with good industrial hygiene and safety practice. Wash and dry hands at the end of workday.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

## **Appearance**

Form liquid Color blue

Odor no data available

## Safety data

pН no data available Melting point/freezing point no data available **Boiling point** no data available Flash point no data available Ignition temperature no data available **Autoignition Temperature** no data available Lower explosion limit no data available Upper explosion limit no data available Vapor pressure no data available Density (water=1) no data available Water solubility no data available

Partition coefficient:

n-octanol/water no data available
Relative vapour Density no data available
Odour Threshold no data available
Evaporation rate no data available

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#### 10. STABILITY AND REACTIVITY

## **Chemical stability**

Stable under recommended storage conditions.

## Possibility of hazardous reactions

No further relevant data available

#### Conditions to avoid

No data available

#### Materials to avoid

No further relevant data available

# **Hazardous decomposition products**

No known products

#### 11. TOXICOLOGICAL INFORMATION

# **Acute toxicity LD/LC50 values**

no data available

# Serious eye damage/eye irritation

no data available

# Respiratory or skin sensitization

no data available

# Germ cell mutagenicity

no data available

#### Skin corrosion/irritation

no data available

## Carcinogenicity

No components of this product are listed by IARC, ACGIH, NTP and OSHA.

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## Reproductive toxicity

no data available

# **Teratogenicity**

no data available

## **Aspiration hazard**

no data available

## **Synergistic effects**

no data available

## 12. ECOLOGICAL INFORMATION

**Toxicity** 

no data available

Persistence and degradability

no data available

**Bioaccumulative potential** 

no data available

Mobility in soil

no data available

PBT and vPvB assessment

no data available

Other adverse effects

no data available

#### 13. DISPOSAL CONSIDERATIONS

#### **Product**

Dispose of unused product, residues, and containers according to local, regional, state, and national regulations.

**Contaminated packaging** 

Dispose of as unused product.

SDS- Giemsa stain Page 8 of 9

## 14. TRANSPORT INFORMATION

# DOT (US)

Not dangerous goods

**IMDG** 

Not dangerous goods

IATA

Not dangerous goods

#### 15. REGULATORY INFORMATION

#### **OSHA Hazards**

Chronic aquatic toxicity, harmful if swallowed, causes serious eye damage, harmful to aquatic life with long lasting effects.

## **SARA 302 Components**

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

# **SARA 313 Components**

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the reporting levels established by SARA Title III, Section 313.

## SARA 311/312Hazards

No SARA Hazards.

SDS- Giemsa stain Page 9 of 9

#### 16. OTHER INFORMATION

For educational use only. Not intended for human or animal diagnostic or therapeutic uses.

The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. Since the Company cannot control the actual methods, volumes, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein. THE INFORMATION IN THIS SDS DOES NOT CONSTITUTE A WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.



1121 5<sup>th</sup> Street NW Washington, DC 20001 www.edvotek.com

# Safety Data Sheet

Version 2 Revision Date 10/29/2014

#### 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Insect Cell Media

**Product Number:** 

Brand: Edvotek Supplier: Edvotek

1121 5<sup>th</sup> Street NW Washington, DC

20001

Telephone: 1-800-338-6835

or 202-370-1500

Fax: 202-370-1501

Emergency Phone #:

202-370-1500

#### 2. HAZARDS IDENTIFICATION

## **Emergency Overview**

Acute toxicity, harmful if swallowed. may cause an allergic skin reaction, may cause allergy or asthma symptoms or breathing difficulties if inhaled, suspected of damaging fertility or the unborn child.

#### **GHS Clasiffication**

Respiratory sensitisation 1
Skin sensitisation 1
Reproductive toxicity 2

# **Signal Word**

Danger

# **Pictogram**



# Hazard(s) Statements

**H317** May cause an allergic skin reaction.

**H334** May cause allergy or asthma symptoms

**H361** Suspected of damaging fertility or the unborn child.

SDS- EDTA Solution Page 2 of 9

### **Precautionary statement(s)**

**P261** Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

P280 Wear protective gloves.

P302 + P352 IF ON SKIN: Wash with

plenty of soap and water.

**IF INHALED:** If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

**P308 + P313** IF exposed or concerned: Get medical advice/ attention.

P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.
P363 Wash contaminated clothing before reuse.

**P501** Dispose of contents/ container to an approved waste disposal plant

#### **HMIS Classification:**

Health hazard: 2 Flammability: 0 Physical hazard: 0

## **NFPA Rating:**

Health hazard: 2
Fire: 0
Reactivity Hazard: 0

#### **Potential Health Effects:**

Inhalation May be harmful if inhaled. Causes respiratory tract irritation

Skin May be harmful if absorbed through skin. Cause skin irritation.

Eyes May cause eye irritation.

Ingestion Harmful if swallowed.

#### 4. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture of the substances listed bellow with nonhazardous additions.

Chemical name	EC No.	CAS -No	Concentration
Insect Cell Media			94%
Fetal Bovine			1%
Serum			
Penicillin/			5%
Streptomycin			

SDS- EDTA Solution Page 3 of 9

#### 5. FIRST AID MEASURES

#### **General information**

No special measures required.

#### If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult doctor in case of complaints.

## In case of skin contact

Immediately wash off with soap and plenty of water. Get medical attention if symptoms develop.

## In case of eye contact

Flush eyes with water as a precaution. Get medical attention immediately if irritation persists.

#### If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Get medical attention if symptoms develop.

#### 6. FIREFIGHTING MEASURES

# **Conditions of flammability**

Not flammable or combustible.

# Suitable extinguishing media

Use water spray, alcohol resistant foam, dry chemical or carbon dioxide.

# Special protective equipment for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

# **Hazardous combustion products**

Carbon oxides, nitrogen oxides (NOx), Sulphur oxides

SDS- EDTA Solution Page 4 of 9

#### 7. ACCIDENTAL RELEASE MEASURES

## **Personal precautions**

Prevent skin/eye contact. Use personal protective equipment as needed.

## **Environmental precautions**

Dilute with plenty of water. Do not allow to enter sewers/ surface or ground water.

# Methods and materials for containment and cleaning up

Clean up spills immediately. Use absorbent materials if needed and dispose into a chemical waste container.

#### 8. HANDLING AND STORAGE

## Precautions for safe handling

No special measures necessary. Good laboratory technique should be used when handling.

## Conditions for safe storage

No special measures necessary. Store at room temperature.

# **Incompatible Products**

No known

#### 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

# Personal protective equipment Respiratory protection

Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

# **Hand protection**

Wear protective gloves. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

SDS- EDTA Solution Page 5 of 9

## Eye protection

Avoid eye contact with this material. Wear chemical safety goggles.

# Skin and body protection

Use chemical gloves as needed. Use clean protective body covering clothing as needed to minimize contact with clothing and skin.

## **Hygiene measures**

Handle in accordance with good industrial hygiene and safety practice. Wash and dry hands at the end of workday.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

## **Appearance**

Form liquid Colour colorless

Odor no data avilable

## Safety data

no data available Ha Melting point/freezing point no data available **Boiling point** no data available Flash point no data available Ignition temperature no data available **Autoignition Temperature** no data available Lower explosion limit no data available Upper explosion limit no data available Vapour pressure no data available Density (water=1) no data avilable Water solubility no data available

Partition coefficient:

n-octanol/water no data available Relative vapour Density no data available Odour Threshold no data available Evaporation rate no data available SDS- EDTA Solution Page 6 of 9

#### 10. STABILITY AND REACTIVITY

# **Chemical stability**

Stable under recommended storage conditions.

# Possibility of hazardous reactions

No further relevant data available.

#### **Conditions to avoid**

No further relevant data available.

#### Materials to avoid

No further relevant data available.

# **Hazardous decomposition products**

No dangerous decomposition product

#### 11. TOXICOLOGICAL INFORMATION

# Acute toxicity LD/LC50 values

no data available

# Serious eye damage/eye irritation

no data available

## Respiratory or skin sensitization

no data available

# Germ cell mutagenicity

no data available

#### Skin corrosion/irritation

no data available

## Carcinogenicity

No components of this product are listed by IARC, ACGIH, NTP and OSHA.

# Reproductive toxicity

no data available

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## **Teratogenicity**

no data available

# **Aspiration hazard**

no data available

## **Synergistic effects**

no data available

## 12. ECOLOGICAL INFORMATION

**Toxicity** 

no data available

Persistence and degradability

no data available

**Bioaccumulative potential** 

no data available

Mobility in soil

no data available

PBT and vPvB assessment

no data available

Other adverse effects

no data available

#### 13. DISPOSAL CONSIDERATIONS

#### **Product**

Dispose of unused product, residues, and containers according to local, regional, state, and national regulations.

# **Contaminated packaging**

Dispose of as unused product.

SDS- EDTA Solution Page 8 of 9

#### 14. TRANSPORT INFORMATION

# DOT (US)

Not dangerous goods

**IMDG** 

Not dangerous goods

IATA

Not dangerous goods

## 15. REGULATORY INFORMATION

#### **OSHA Hazards**

Acute toxicity, harmful if swallowed, may cause an allergic skin reaction, may cause allergy or asthma symptoms or breathing difficulties if inhaled, suspected of damaging fertility or the unborn child.

## **SARA 302 Components**

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

# **SARA 313 Components**

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the reporting levels established by SARA Title III, Section 313.

#### SARA 311/312Hazards

No SARA Hazards.

SDS- EDTA Solution Page 9 of 9

#### 16. OTHER INFORMATION

For educational use only. Not intended for human or animal diagnostic or therapeutic uses.

The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. Since the Company cannot control the actual methods, volumes, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein. THE INFORMATION IN THIS SDS DOES NOT CONSTITUTE A WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.



1121 5<sup>th</sup> Street NW Washington, DC 20001 www.edvotek.com

# Safety Data Sheet

Version 2 Revision Date 09/24/2013

#### 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Phosphate Buffered

Saline (PBS)

**Product Number:** 

Brand: Edvotek Supplier: Edvotek

1121 5<sup>th</sup> Street NW Washington, DC

20001

Telephone: 1-800-338-6835

or 202-370-1500

Fax: 202-370-1501

Emergency Phone #:

202-370-1500

#### 2. HAZARDS IDENTIFICATION

## **Emergency Overview**

#### **OSHA Hazards:**

No known OSHA hazards.

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS).

#### **HMIS Classification:**

Health hazard: 1 Flammability: 0 Physical hazard: 0

## **NFPA Rating:**

Health hazard: 1
Fire: 0
Reactivity Hazard: 0

#### **Potential Health Effects:**

**Inhalation:** May be harmful if inhaled. **Skin:** May be harmful if absorbed through skin. May cause skin irritation.

**Eyes**: May cause eye irritation. **Ingestion**: May be harmful if

swallowed.

#### 3. COMPOSITION/INFORMATION ON INGREDIENTS

No ingredients are hazardous according to OSHA criteria.

## 4. FIRST AID MEASURES

#### **General information**

No special measures required.

#### If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult doctor in case of complaints.

#### In case of skin contact

Immediately wash off with soap and plenty of water. Get medical attention if symptoms develop.

# In case of eye contact

Flush eyes with water as a precaution. Get medical attention immediately if irritation persists.

#### If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Get medical attention if symptoms develop.

#### 5. FIREFIGHTING MEASURES

# Conditions of flammability

Not flammable or combustible.

## Suitable extinguishing media

Use water spray, alcohol resistant foam, dry chemical or carbon dioxide.

# Special protective equipment for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

# **Hazardous combustion products**

No known products

#### 6. ACCIDENTAL RELEASE MEASURES

# **Personal precautions**

Prevent skin/eye contact. Use personal protective equipment as needed.

## **Environmental precautions**

Dilute with plenty of water. Do not allow to enter sewers/ surface or ground water.

## Methods and materials for containment and cleaning up

Clean up spills immediately. Use absorbent materials if needed and dispose into a chemical waste container.

#### 7. HANDLING AND STORAGE

## Precautions for safe handling

No special measures necessary. Good laboratory technique should be used when handling.

# Conditions for safe storage

No special measures necessary. Store at room temperature.

# **Incompatible Products**

No known products.

#### 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

# Personal protective equipment Respiratory protection

Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

## **Hand protection**

Wear protective gloves. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

## **Eye protection**

Avoid eye contact with this material. Wear chemical safety goggles.

## Skin and body protection

Use chemical gloves as needed. Use clean protective body covering clothing as needed to minimize contact with clothing and skin.

## **Hygiene measures**

Handle in accordance with good industrial hygiene and safety practice. Wash and dry hands at the end of workday.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

## **Appearance**

Form liquid Color colorless

Odor no data available

# Safety data

no data available Hg Melting point/freezing point no data available Boiling point no data available Flash point no data available Ignition temperature no data available **Autoignition Temperature** no data available Lower explosion limit no data available Upper explosion limit no data available Vapor pressure no data available Density (water=1) no data available Water solubility no data available

Partition coefficient:

n-octanol/water no data available Relative vapour Density no data available Odour Threshold no data available Evaporation rate no data available

#### 10. STABILITY AND REACTIVITY

## **Chemical stability**

Stable under recommended storage conditions.

# Possibility of hazardous reactions

No further relevant data available.

## **Conditions to avoid**

No further relevant data available.

#### Materials to avoid

No further relevant data available.

## **Hazardous decomposition products**

No dangerous decomposition products known.

#### 11. TOXICOLOGICAL INFORMATION

## Acute toxicity LD/LC50 values

no data available

# Serious eye damage/eye irritation

no data available

# Respiratory or skin sensitization

no data available

# Germ cell mutagenicity

no data available

## Skin corrosion/irritation

no data available

## Carcinogenicity

No components of this product are listed by IARC, ACGIH, NTP and OSHA.

## Reproductive toxicity

no data available

# **Teratogenicity**

no data available

## **Aspiration hazard**

no data available

# **Synergistic effects**

no data available

## 12. ECOLOGICAL INFORMATION

## **Toxicity**

no data available

# Persistence and degradability

no data available

## **Bioaccumulative potential**

no data available

## Mobility in soil

no data available

PBT and vPvB assessment

no data available

#### Other adverse effects

no data available

#### 13. DISPOSAL CONSIDERATIONS

#### **Product**

Dispose of unused product, residues, and containers according to local, regional, state, and national regulations.

# **Contaminated packaging**

Dispose of as unused product.

#### 14. TRANSPORT INFORMATION

# DOT (US)

Not dangerous goods

**IMDG** 

Not dangerous goods

IATA

Not dangerous goods

## 15. REGULATORY INFORMATION

#### **OSHA Hazards**

No known OSHA hazards.

# **SARA 302 Components**

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

# **SARA 313 Components**

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the reporting levels established by SARA Title III, Section 313.

## SARA 311/312Hazards

No SARA Hazards.

#### 16. OTHER INFORMATION

For educational use only. Not intended for human or animal diagnostic or therapeutic uses.

The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. Since the Company cannot control the actual methods, volumes, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein. THE INFORMATION IN THIS SDS DOES NOT CONSTITUTE A WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.



1121 5<sup>th</sup> Street NW Washington, DC 20001 www.edvotek.com

# Safety Data Sheet

Version 2 Revision Date 10/27/2013

#### 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Trypan Blue Dye

**Product Number:** 

Brand: Edvotek Supplier: Edvotek

1121 5<sup>th</sup> Street NW Washington, DC

20001

Telephone: 1-800-338-6835

or 202-370-1500

Fax: 202-370-1501

Emergency Phone #:

202-370-1500

#### 2. HAZARDS IDENTIFICATION

**Emergency Overview OSHA Hazards** 

May cause cancer.

**GHS Classification** 

Carcinogenicity 1

Signal Word

Danger

**Pictogram** 



**Hazard statement(s)** 

H350 May cause cancer

**Precautionary statement(s)** 

P281 Use personal protective

equipment as required.

**P308 + P313** IF exposed or

concerned: Get medical advice/

attention.

**P405** Store locked up.

**P501** Dispose of contents/ container to an approved waste disposal plant.

Reactivity Hazard: 0

**HMIS Classification:** 

Health hazard: 0 Flammability: 0 Physical hazard: 0 Potential Health Effects:

**Inhalation** May be harmful if inhaled. **Skin** May be harmful if absorbed

throught skin.

**Eyes** May cause eye burns. **Ingestion** May be harmful if

swallowed.

## **NFPA Rating:**

Health hazard: 0 Fire: 0

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Formula:  $C_{34}H_{24}N_6Na_4O_{14}S_4$ Molecular weight: 960.81 g/ mol

Chemical name	EC No.	CAS -No	Concentration
Tetrasodium 3,3'-[(3,3'-dimethyl[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[5-amino-4-	200-786-7	72-57-1	0.1 to 1%
hydroxynaphthalene-2,7-disulphonate]			

## 4. FIRST AID MEASURES

#### **General information**

No special measures required.

#### If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult doctor in case of complaints.

#### In case of skin contact

Immediately wash off with soap and plenty of water. Get medical attention if symptoms develop.

### In case of eye contact

Flush eyes with water as a precaution. Get medical attention immediately if irritation persists.

#### If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Get medical attention if symptoms develop.

#### 5. FIREFIGHTING MEASURES

## **Conditions of flammability**

Not flammable or combustible.

## Suitable extinguishing media

Use water spray, alcohol resistant foam, dry chemical or carbon dioxide.

# Special protective equipment for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

## **Hazardous combustion products**

No known products

#### 6. ACCIDENTAL RELEASE MEASURES

## **Personal precautions**

Prevent skin/eye contact. Use personal protective equipment as needed.

# **Environmental precautions**

Dilute with plenty of water. Do not allow to enter sewers/ surface or ground water.

# Methods and materials for containment and cleaning up

Clean up spills immediately. Use absorbent materials if needed and dispose into a chemical waste container.

#### 7. HANDLING AND STORAGE

## **Precautions for safe handling**

No special measures necessary. Good laboratory technique should be used when handling.

### Conditions for safe storage

No special measures necessary. Store at room temperature.

# **Incompatible Products**

No known products

#### 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

# Personal protective equipment Respiratory protection

Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

# **Hand protection**

Wear protective gloves. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices

# **Eye protection**

Avoid eye contact with this material. Wear chemical safety goggles.

# Skin and body protection

Use chemical gloves as needed. Use clean protective body covering clothing as needed to minimize contact with clothing and skin.

# Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wash and dry hands at the end of workday.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

### **Appearance**

Form liquid Color blue

Odor no data available

## Safety data

Hq no data available Melting point/freezing point no data available **Boiling** point no data available Flash point no data available Ignition temperature no data available **Autoignition Temperature** no data available Lower explosion limit no data available Upper explosion limit no data available Vapor pressure no data available Density (water=1) no data available Water solubility no data available

Partition coefficient:

n-octanol/water no data available Relative vapour Density no data available Odour Threshold no data available Evaporation rate no data available

#### 10. STABILITY AND REACTIVITY

# **Chemical stability**

Stable under recommended storage conditions.

# Possibility of hazardous reactions

No further relevant data available

### **Conditions to avoid**

No data available

#### Materials to avoid

No further relevant data available

## **Hazardous decomposition products**

No known products

## 11. TOXICOLOGICAL INFORMATION

## Acute toxicity LD/LC50 values

no data available

## Serious eye damage/eye irritation

no data available

# Respiratory or skin sensitization

no data available

# Germ cell mutagenicity

no data available

#### Skin corrosion/irritation

no data available

# Carcinogenicity

No components of this product are listed by IARC, ACGIH, NTP and OSHA.

# **Reproductive toxicity**

no data available

# **Teratogenicity**

no data available

# **Aspiration hazard**

no data available

# **Synergistic effects**

no data available

#### 12. ECOLOGICAL INFORMATION

**Toxicity** 

no data available

Persistence and degradability

no data available

**Bioaccumulative potential** 

no data available

Mobility in soil

no data available

PBT and vPvB assessment

no data available

Other adverse effects

no data available

#### 13. DISPOSAL CONSIDERATIONS

#### **Product**

Dispose of unused product, residues, and containers according to local, regional, state, and national regulations.

**Contaminated packaging** 

Dispose of as unused product.

#### 14. TRANSPORT INFORMATION

DOT (US)

Not dangerous goods

**IMDG** 

Not dangerous goods

**IATA** 

Not dangerous goods

#### 15. REGULATORY INFORMATION

#### **OSHA Hazards**

May cause cancer.

## **SARA 302 Components**

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

## **SARA 313 Components**

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the reporting levels established by SARA Title III, Section 313.

#### SARA 311/312Hazards

No SARA Hazards.

## 16. OTHER INFORMATION

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