



1121 5th Street NW
Washington, DC 20001
www.edvotek.com

Safety Data Sheet

Version 2
Revision Date 08/09/2013

1. PRODUCT AND COMPANY IDENTIFICATION

| | | | |
|-----------------|--|---|-----------------------------------|
| Product name: | Electrophoresis Buffer 50X TAE | Telephone: | 1-800-338-6835 or 202-370-1500 |
| Product Number: | 607 | Fax: | 202-370-1501 |
| Brand: | Edvotek | Emergency Phone # (For both supplier and Manufacturer): | 202-370-1500 |
| Supplier: | Edvotek 1121 5 th Street NW Washington, DC 20001 | | |

2. HAZARDS IDENTIFICATION

Emergency Overview

OSHA Hazards:
Irritant

Signal word
Warning

Pictogram



HMIS Classification:

Health hazard: 0
Flammability: 0
Physical hazard: 0

NFPA Rating:

Health hazard: 0
Fire: 0
Reactivity Hazard: 0

Potential Health Effects:**Inhalation:** May be harmful if inhaled.**Skin-** May be harmful if absorbed.
through skin. Causes skin irritation.**Eyes:** May cause eye irritation.**Ingestion:** May be harmful if
swallowed.**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Mixture of the substances listed below with nonhazardous additions.

| Chemical name | EC No. | CAS –No | Concentration |
|--|-----------|---------|---------------|
| Ethylenediaminetetraacetic acid (EDTA) | 200-449-4 | 60-00-4 | |
| 2-amino-2-(hydroxymethyl)-1,3-propanediol (TRIS) | 201-064-4 | 77-86-1 | |
| Acetic acid | 200-580-7 | 64-19-7 | |

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

May emit toxic and/or irritating fumes under fire conditions.

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. Wash and dry hands.

Eye protection

Avoid eye contact with this material. Wear chemical safety glasses with side shields or 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 | Odorless |

Safety data

| | |
|------------------------------|-------------------|
| pH | 7-9 |
| Melting point/freezing point | no data available |
| Boiling point | ~ 100°C |
| 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) | 1.020 |
| 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

Respiratory or skin sensitization

no data available

Serious eye damage/eye irritation

no data available

Germ cell mutagenicity

no data available

Skin corrosion/irritation

no data available

Carcinogenicity

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

Reproductive toxicity

no data available

Aspiration hazard

no data available

Teratogenicity

no data available

Synergistic effects

no data available

12. ECOLOGICAL INFORMATION**Toxicity**

no data available

Mobility in soil

no data available

Persistence and degradability

no data available

PBT and vPvB assessment

no data available

Bioaccumulative potential

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.

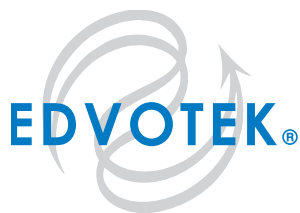
SARA 311/312 Hazards

No SARA Hazards

16. OTHER INFORMATION

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1121 5th Street NW
Washington, DC 20001
www.edvotek.com

Safety Data Sheet

Version 2
Revision Date 10/23/2015

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Flash Blue™
Solution
Product Number:
Brand: Edvotek
Supplier: Edvotek
1121 5th Street NW
Washington, DC
20001

Telephone: 1-800-338-6835
or 202-370-1500
Fax: 202-370-1501
**Emergency Phone # (For both supplier
and Manufacturer):**
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: 0
Flammability: 0
Physical hazard: 0

NFPA Rating:

Health hazard: 0
Fire: 0
Reactivity Hazard: 0

Potential Health Effects:

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

Synonyms:

3,7-Bis(dimethylamino) phenazathionium chloride

3,7-Bis(dimethylamino) phenothiazin-5-ium chloride

Formula: C₁₆H₁₈ClN₃S**Molecular Weight:** 319.85 g/mol

| Chemical name | EC No. | CAS –No | Concentration |
|---|-----------|---------|---------------|
| 3,7-Bis(dimethylamino) phenazathionium chloride | 200-515-2 | 61-73-4 | |

4. FIRST AID MEASURES

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.

Conditions of flammability

Not flammable or combustible.

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

Suitable extinguishing media

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

Wear self contained breathing apparatus for fire fighting if necessary.

Special protective equipment for firefighters**Hazardous combustion products**

May emit toxic and/or irritating fumes under fire conditions.

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

Avoid contact with skin and eyes. Good laboratory technique should be used when handling.

Conditions for safe storage

Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible Products

Strong oxidizing agents.

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. Wash and dry hands.

Eye protection

Avoid eye contact with this material. Wear chemical safety glasses with side shields or 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

General industrial hygiene practice. Keep away from foodstuffs and beverages. Avoid contact with the eyes and skin. Do not eat, drink or smoke while working with products.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

| | |
|--------|---------|
| Form | liquid |
| Colour | Blue |
| Odor | No odor |

Safety data

| | |
|------------------------------|-------------------|
| pH | 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 |
| Vapour 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

Carbon oxides. Nitrogen oxides (NO_x). Sulfur oxides. Hydrogen chloride gas

11. TOXICOLOGICAL INFORMATION**Acute toxicity LD/LC50 values**

no data available

Respiratory or skin sensitization

no data available

Serious eye damage/eye irritation

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

Aspiration hazard

no data available

Teratogenicity

no data available

Synergistic effects

no data available

12. ECOLOGICAL INFORMATION**Toxicity**

no data available

Mobility in soil

no data available

Persistence and degradability

no data available

PBT and vPvB assessment

no data available

Bioaccumulative potential

no data available

Other adverse effects

no data available

14. 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.

13. 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

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 threshold reporting levels established by SARA Title III, Section 313.

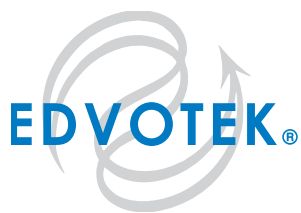
SARA 311/312 Hazards

No SARA Hazards

16. OTHER INFORMATION

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Washington, DC 20001
www.edvotek.com

Safety Data Sheet

Version 2
Revision Date 07/10/2017

1. PRODUCT AND COMPANY IDENTIFICATION

| | | | |
|-----------------|--------------------------------|--------------------|-----------------|
| Product name: | Influenza control | Telephone: | 1-800-338-6835 |
| Product Number: | | | or 202-370-1500 |
| Brand: | Edvotek | Fax: | 202-370-1501 |
| Supplier: | Edvotek | Emergency Phone #: | 202-370-1500 |
| | 1121 5 th Street NW | | |
| | Washington, DC | | |
| | 20001 | | |

2. HAZARDS IDENTIFICATION

Emergency Overview

GHS Classification

Skin irritation 2

Serious eye damage 1

Signal Word

Danger

Pictogram



Hazard(s) Statements

H315 Causes skin irritation.

H318 Causes serious eye

Precautionary statement(s)

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.

HMIS Classification:

Health hazard: 3

Flammability: 0

Physical hazard: 1

NFPA Rating:

Health hazard: 3

Fire: 0

Reactivity Hazard: 0

Potential Health Effects:**Inhalation** May be harmful if inhaled.**Skin** May be harmful if absorbed through skin. Cause skin burns.**Eyes** Causes eye burns.**Ingestion** May be harmful if swallowed.**8. COMPOSITION/INFORMATION ON INGREDIENTS**

Mix of several components including sodium hydroxide

| Chemical name | EC No. | CAS –No | Concentration |
|------------------|-----------|-----------|---------------|
| Sodium Hydroxide | 215-185-5 | 1310-73-2 | -- |

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

Sodium oxides).

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

| | |
|------------------------------|-------------------|
| pH | 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.

Conditions to avoid

No further relevant data available.

Possibility of hazardous reactions

No further relevant data available.

Materials to avoid

No further relevant data available.

Hazardous decomposition products

No dangerous decomposition 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

Mobility in soil

no data available

Persistence and degradability

no data available

PBT and vPvB assessment

no data available

Bioaccumulative potential

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**

Corrosive

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.

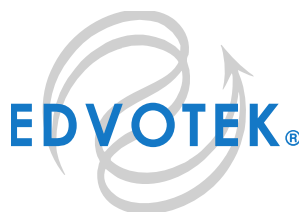
SARA 311/312 Hazards

No SARA Hazards.

16. OTHER INFORMATION

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Washington, DC 20001
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Safety Data Sheet

Version 2
Revision Date 07/10/2017

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Influenza Patient
Control
Product Number:
Brand: Edvotek
Supplier: Edvotek
1121 5th Street NW
Washington, DC
20001
Telephone: 1-800-338-6835
or 202-370-1500
Fax: 202-370-1501
Emergency Phone #:
202-370-1500

1. HAZARDS IDENTIFICATION

Emergency Overview

GHS Classification

Skin irritation 2

Serious eye damage 1

Signal Word

Danger

Pictogram



Hazard(s) Statements

H315 Causes skin irritation.

H318 Causes serious eye

Precautionary statement(s)

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.

HMIS Classification:

Health hazard: 3

Flammability: 0

Physical hazard: 1

NFPA Rating:

Health hazard: 3

Fire: 0

Reactivity Hazard: 0

Potential Health Effects:

Inhalation May be harmful if inhaled.

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

Eyes Causes eye burns.

Ingestion May be harmful if swallowed.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mix of several components including sodium hydroxide

| Chemical name | EC No. | CAS –No | Concentration |
|------------------|-----------|-----------|---------------|
| Sodium Hydroxide | 215-185-5 | 1310-73-2 | -- |

3. 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.

3. 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

Sodium oxides).

3. 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.

3. 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

| | |
|------------------------------|-------------------|
| pH | 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 further relevant data available.

Materials to avoid

No further relevant data available.

Hazardous decomposition products

No dangerous decomposition 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.

DOT (US)**14. TRANSPORT INFORMATION**

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

OSHA Hazards**15. REGULATORY INFORMATION**

Corrosive

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 311/312 Hazards

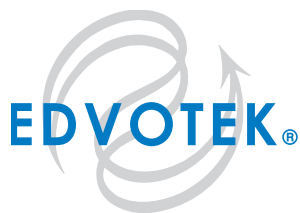
No SARA Hazards.

16. OTHER INFORMATION

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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 5th Street NW
Washington, DC 20001
www.edvotek.com

Safety Data Sheet

Version 2
Revision Date 10/23/2015

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: InstaStain Blue
Sheets
Product Number: 2003, 2004, 2006
Brand: Edvotek
Supplier: Edvotek
1121 5th Street NW
Washington, DC
20001

Telephone: 1-800-338-6835
or 202-370-1500
Fax: 202-370-1501
**Emergency Phone # (For both supplier
and Manufacturer):**
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: 0
Flammability: 0
Physical hazard: 0

NFPA Rating:

Health hazard: 0
Fire: 0
Reactivity Hazard: 0

Potential Health Effects:

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

Synonyms:

3,7-Bis(dimethylamino) phenazathionium chloride

3,7-Bis(dimethylamino) phenothiazin-5-ium chloride

Formula: C₁₆H₁₈ClN₃S**Molecular Weight:** 319.85 g/mol

| Chemical name | EC No. | CAS –No | Concentration |
|---|-----------|---------|---------------|
| 3,7-Bis(dimethylamino) phenazathionium chloride | 200-515-2 | 61-73-4 | |

4. FIRST AID MEASURES

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

May emit toxic and/or irritating fumes under fire conditions.

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

Avoid contact with skin and eyes. Good laboratory technique should be used when handling.

Conditions for safe storage

Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible Products

Strong oxidizing agents

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. Wash and dry hands.

Avoid eye contact with this material.

Wear chemical safety glasses with side shields or 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

General industrial hygiene practice. Keep away from foodstuffs and beverages. Avoid contact with the eyes and skin. Do not eat, drink or smoke while working with products.

9. PHYSICAL AND CHEMICAL PROPERTIES

Eye protection

Appearance

| | |
|--------|---------|
| Form | paper |
| Colour | Blue |
| Odor | No odor |

Safety data

| | |
|------------------------------|-------------------|
| pH | 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 |
| Vapour 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

Carbon oxides. Nitrogen oxides (NO_x). Sulfur oxides. Hydrogen chloride gas.

11. TOXICOLOGICAL INFORMATION**Acute toxicity LD/LC50 values**

no data available

Respiratory or skin sensitization

no data available

Serious eye damage/eye irritation

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

Aspiration hazard

no data available

Teratogenicity

no data available

Synergistic effects

no data available

12. ECOLOGICAL INFORMATION**Toxicity**

no data available

Mobility in soil

no data available

Persistence and degradability

no data available

PBT and vPvB assessment

no data available

Bioaccumulative potential

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

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 threshold reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

No SARA Hazards

16. OTHER INFORMATION

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1121 5th Street NW
Washington, DC 20001
www.edvotek.com

Safety Data Sheet

Version 2
Revision Date 08/09/2013

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Practice Gel loading
Solution
Product Number:
Brand: Edvotek
Supplier: Edvotek
1121 5th 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: 0
Flammability: 0
Physical hazard: 0

NFPA Rating:

Health hazard: 0
Fire: 0

Reactivity Hazard: 0

Potential Health Effects:

Inhalation May be harmful if inhaled
Skin- May be harmful if absorbed
through skin. Causes skin irritation.
Eyes- May cause eye irritation.
Ingestion- May be harmful if
swallowed.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture of the substances listed below with nonhazardous additions.

| Chemical name | EC No. | CAS -No | Concentration |
|--|-----------|----------|---------------|
| Ethylenediaminetetraacetic acid (EDTA) | 200-449-4 | 60-00-4 | |
| Bromophenol blue | 201-064-4 | 115-39-9 | |
| Glycerol | 200-289-5 | 56-81-5 | |

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

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

May emit toxic and/or irritating fumes under fire conditions.

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

Strong oxidizing agents.

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 odor

Safety data

| | |
|------------------------------|-------------------|
| pH | 7-9 |
| 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) | 1.0 |
| 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

Skin corrosion/irritation

no data available

Reproductive toxicity

no data available

Teratogenicity

no data available

Aspiration hazard

no data available

Synergistic effects

no data available

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

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

12. ECOLOGICAL INFORMATION**Toxicity**

no data available

Mobility in soil

no data available

Persistence and degradability

no data available

PBT and vPvB assessment

no data available

Bioaccumulative potential

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.

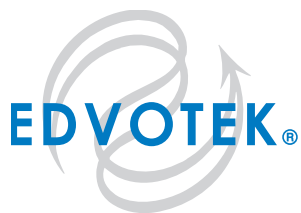
SARA 311/312 Hazards

No SARA Hazards

16. OTHER INFORMATION

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1121 5th Street NW
Washington, DC 20001
www.edvotek.com

Safety Data Sheet

Version 2
Revision Date 09/16/2014

1. PRODUCT AND COMPANY IDENTIFICATION

| | | | |
|-----------------|--------------------------------|--------------------------------------|--------------------|
| Product name: | Ready to load DNA | Telephone: | 1-800-338-6835 |
| Product Number: | | | or 202-370-1500 |
| Brand: | Edvotek | Fax: | 202-370-1501 |
| Supplier: | Edvotek | Emergency Phone # (For both supplier | and Manufacturer): |
| | 1121 5 th Street NW | | 202-370-1500 |
| | Washington, DC | | |
| | 20001 | | |

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: 0
Flammability: 0
Physical hazard: 0

NFPA Rating:

Health hazard: 0
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 |
| Colour | blue /orange |
| Odor | no data available |

Safety data

| | |
|------------------------------|-------------------|
| pH | 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 |
| Vapour 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.

Conditions to avoid

No further relevant data available.

Materials to avoid

No further relevant data available.

Possibility of hazardous reactions

No further relevant data available.

Hazardous decomposition products

No dangerous decomposition products known.

11. TOXICOLOGICAL INFORMATION**Acute toxicity LD/LC50 values**

no data available

Respiratory or skin sensitization

no data available

Serious eye damage/eye irritation

no data available

Germ cell mutagenicity

no data available

Skin corrosion/irritation

no data available

Carcinogenicity

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

Reproductive toxicity

no data available

Aspiration hazard

no data available

Teratogenicity

no data available

Synergistic effects

no data available

12. ECOLOGICAL INFORMATION**Toxicity**

no data available

Mobility in soil

no data available

Persistence and degradability

no data available

PBT and vPvB assessment

no data available

Bioaccumulative potential

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.

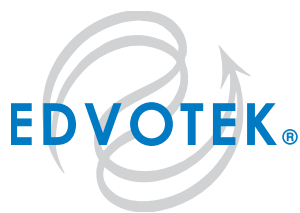
SARA 311/312 Hazards

No SARA Hazards.

16. OTHER INFORMATION

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1121 5th Street NW
Washington, DC 20001
www.edvotek.com

Safety Data Sheet

Version 2
Revision Date 07/10/2017

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Simulated Antibody
Solution
Product Number:
Brand: Edvotek
Supplier: Edvotek
1121 5th 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

Carcinogenicity

Highly flammable liquid and vapour.

Suspected of causing genetic defects.

May cause cancer.

Suspected of damaging fertility or the
unborn child.

Germ cell mutagenicity

Reproductive toxicity

GHS Classification

Flammable liquids (2)

Germ cell mutagenicity (2)

Carcinogenicity (1B)

Reproductive toxicity (2)

Signal Word

Warning

Pictogram



Hazard statement(s)

H225 Highly flammable liquid and vapour.

H341 Suspected of causing genetic defects.

H350 May cause cancer.

H361 Suspected of damaging fertility or the unborn child.

Precautionary statement(s)

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P210 Keep away from heat/sparks/open flames/hot surfaces.
- No smoking.

P233 Keep container tightly closed.

P242 Use only non-sparking tools.

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

P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.

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

P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

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

HMIS Classification:

Health hazard: 2

Flammability: 3

Physical hazard: 0

NFPA Rating:

Health hazard: 2

Fire: 3

Reactivity Hazard: 0

Potential Health Effects:

Inhalation May be toxic if inhaled.

Skin May causes skin burns.

Eyes May causes eye burns.

Ingestion Harmful if swallowed.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mix of several components including phenolphthalein

| Chemical name | EC No. | CAS –No | Concentration |
|-----------------|-----------|---------|---------------|
| Phenolphthalein | 201-004-7 | 77-09-8 | --- |

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.

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

Keep container tightly closed in a dry place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

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 |
| Colour | colorless |
| Odor | no data available |

Safety data

| | |
|------------------------------|-------------------|
| pH | 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 |
| Vapour 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

Heat, flames and sparks. Extremes of temperature and direct sunlight.

Materials to avoid

Oxidizing agents, Alkali metals, Strong oxidizing agents, Ammonia, Peroxides

Hazardous decomposition products

No data available

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**

Carcinogenicity

Highly flammable liquid and vapour.

Suspected of causing genetic defects.

May cause cancer.

Suspected of damaging fertility or the unborn child.

Germ cell mutagenicity

Reproductive toxicity

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.

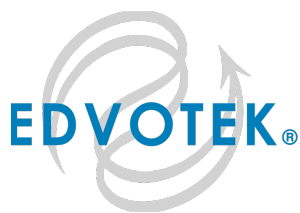
SARA 311/312 Hazards

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 5th 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: UltraSpec Agarose™
Product Number: 605
Brand: Edvotek
Supplier: Edvotek
1121 5th 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: 0
Flammability: 0
Physical hazard: 0

NFPA Rating:

Health hazard: 0
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 powder
Color colorless
Odor no data available

Safety data

| | |
|------------------------------|-------------------|
| pH | 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 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

Respiratory or skin sensitization

no data available

Serious eye damage/eye irritation

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

Aspiration hazard

no data available

Teratogenicity

no data available

Synergistic effects

no data available

12. ECOLOGICAL INFORMATION

Toxicity

no data available

PBT and vPvB assessment

no data available

Persistence and degradability

no data available

Other adverse effects

no data available

Bioaccumulative potential

no data available

Mobility in soil

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

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