Safety Data Sheet

Version 2
Revision Date 08/09/2013

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Electrophoresis Buffer 50X TAE
Product Number: 607
Brand: Edvotek
Supplier: Edvotek

Address: 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:
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.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>EC No.</th>
<th>CAS –No</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylenediaminetetraacetic acid (EDTA)</td>
<td>200-449-4</td>
<td>60-00-4</td>
<td></td>
</tr>
<tr>
<td>2-amino-2-(hydroxymethyl)-1,3-propanediol (TRIS)</td>
<td>201-064-4</td>
<td>77-86-1</td>
<td></td>
</tr>
<tr>
<td>Acetic acid</td>
<td>200-580-7</td>
<td>64-19-7</td>
<td></td>
</tr>
</tbody>
</table>

### 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.

**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

<table>
<thead>
<tr>
<th>Property</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity LD/LC50 values</td>
<td>Respiratory or skin sensitization</td>
</tr>
<tr>
<td></td>
<td>no data available</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Germ cell mutagenicity</td>
</tr>
<tr>
<td></td>
<td>no data available</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Carcinogenicity</td>
</tr>
<tr>
<td></td>
<td>No component of this product are listed by IARC,</td>
</tr>
<tr>
<td></td>
<td>ACGIH, NTP and OSHA.</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>Aspiration hazard</td>
</tr>
<tr>
<td></td>
<td>no data available</td>
</tr>
<tr>
<td>Teratogenicity</td>
<td>Synergistic effects</td>
</tr>
<tr>
<td></td>
<td>no data available</td>
</tr>
</tbody>
</table>

### 12. ECOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Property</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toxicity</td>
<td>Mobility in soil</td>
</tr>
<tr>
<td></td>
<td>no data available</td>
</tr>
<tr>
<td>Persistence and degradability</td>
<td>PBT and vPvB assessment</td>
</tr>
<tr>
<td></td>
<td>no data available</td>
</tr>
<tr>
<td>Bioaccumulative potential</td>
<td>Other adverse effects</td>
</tr>
<tr>
<td></td>
<td>no data available</td>
</tr>
</tbody>
</table>
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
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 WARRENTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.
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

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.

<table>
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<tr>
<th>Chemical name</th>
<th>EC No.</th>
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<tr>
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<td>200-449-4</td>
<td>60-00-4</td>
<td></td>
</tr>
<tr>
<td>Bromophenol blue</td>
<td>201-064-4</td>
<td>115-39-9</td>
<td></td>
</tr>
<tr>
<td>Glycerol</td>
<td>200-289-5</td>
<td>56-81-5</td>
<td></td>
</tr>
</tbody>
</table>

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.

**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 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.
### ECOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Toxicity</th>
<th>Mobility in soil</th>
</tr>
</thead>
<tbody>
<tr>
<td>no data available</td>
<td>no data available</td>
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<thead>
<tr>
<th>Persistence and degradability</th>
<th>PBT and vPvB assessment</th>
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<tr>
<td>no data available</td>
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<tr>
<th>Bioaccumulative potential</th>
<th>Other adverse effects</th>
</tr>
</thead>
<tbody>
<tr>
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</table>

### 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.

### 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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1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Protein InstaStain
Product Number: 2016, 2017
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

GHS Classification
Skin Irritant
Eye irritant (Category 2)

Signal Word
Irritant

Hazard(s) Statements
H315 - Causes skin irritation
H319 - Causes serious eye irritation
H335 – May cause respiratory irritation

Precautionary statement(s)
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P302+ P352 - IF ON SKIN: Wash with plenty of soap and water
P304 + P340 – IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
**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: 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. May cause respiratory tract irritation
- **Skin** May be harmful if absorbed through skin. Cause S skin irritation.
- **Eyes** Cause eye irritation.
- **Ingestion** May be harmful if swallowed.

---

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture of the substances listed below with nonhazardous additions.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>EC No.</th>
<th>CAS –No</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brilliant blue R</td>
<td>228-060-5</td>
<td>6104-59-2</td>
<td>--</td>
</tr>
<tr>
<td>Methanol</td>
<td>200-659-6</td>
<td>67-57-1</td>
<td>--</td>
</tr>
</tbody>
</table>

### 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), Sulfur 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
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: paper
- Color: blue
- 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

<table>
<thead>
<tr>
<th>Toxicity</th>
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No components of this product are listed by IARC, ACGIH, NTP and OSHA.

### 12. ECOLOGICAL INFORMATION

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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
Skin Irritan Eye irritant

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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1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Protein Samples
Product Number: 1121 5th Street NW
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.

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<tbody>
<tr>
<td>Sodium lauryl sulfate</td>
<td>205-788-1.</td>
<td>151-21-3</td>
<td></td>
</tr>
<tr>
<td>Remazol Brilliant Blue R</td>
<td>228-060-5</td>
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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**
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.
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 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
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

**Skin corrosion/irritation**
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.

**Reproductive toxicity**
no data available

**Teratogenicity**
no data available

**Aspiration hazard**
no data available

**Synergistic effects**
no data available
### 12. ECOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Property</th>
<th>Data Available</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Toxicity</strong></td>
<td>no data available</td>
</tr>
<tr>
<td><strong>Mobility in soil</strong></td>
<td>no data available</td>
</tr>
<tr>
<td><strong>Persistence and degradability</strong></td>
<td>no data available</td>
</tr>
<tr>
<td><strong>PBT and vPvB assessment</strong></td>
<td>no data available</td>
</tr>
<tr>
<td><strong>Bioaccumulative potential</strong></td>
<td>no data available</td>
</tr>
<tr>
<td><strong>Other adverse effects</strong></td>
<td>no data available</td>
</tr>
</tbody>
</table>

### 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

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 WARRENTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.
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 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.

**In case of skin contact**
Immediately wash off with soap and plenty of 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
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Possibility of hazardous reactions
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Conditions to avoid
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Materials to avoid
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Hazardous decomposition products
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11. TOXICOLOGICAL INFORMATION

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Germ cell mutagenicity
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Skin corrosion/irritation
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Reproductive toxicity
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Aspiration hazard
no data available

Teratogenicity
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

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