

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

Safety Data Sheet

Version 2
Revision Date 09/25/2013

1. PRODUCT AND COMPANY IDENTIFICATION

Product name:	Column Elution Buffer	Telephone:	1-800-338-6835 or 202-370-1500
Product Number:		Fax:	202-370-1501
Brand:	Edvotek	Emergency Phone #:	202-370-1500
Supplier:	Edvotek 1121 5 th Street NW 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
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
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

11. TOXICOLOGICAL INFORMATION

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.

10. STABILITY AND REACTIVITY

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

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

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.

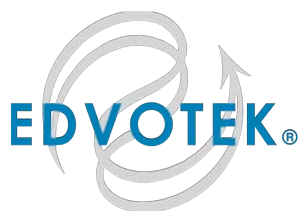
SARA 311/312 Hazards

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 09/26/2013

1. PRODUCT AND COMPANY IDENTIFICATION

Product name:	Dry Matrix	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

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
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

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

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.

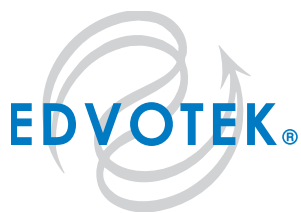
SARA 311/312 Hazards

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 05/22/2014

1. PRODUCT AND COMPANY IDENTIFICATION

Product name:	Glycerol Solution	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

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: 1
Physical hazard: 0

NFPA Rating:

Health hazard: 0
Fire: 1
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.

Chemical name	EC No.	CAS –No	Concentration
Glycerol, Glycerin	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

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

In case of eye contact

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

If swallowed

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

5. FIREFIGHTING MEASURES

Conditions of flammability

Not flammable or combustible.

Suitable extinguishing media

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

Special protective equipment for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

Hazardous combustion products

No known products

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

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

Environmental precautions

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

Methods and materials for containment and cleaning up

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

7. HANDLING AND STORAGE

Precautions for safe handling

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

Conditions for safe storage

No special measures necessary. Store at room temperature.

Incompatible Products

No known products.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Personal protective equipment

Respiratory protection

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

Hand protection

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

Eye protection

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

Skin and body protection

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

Hygiene measures

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form liquid
Color colorless
Odor odourless

Safety data

pH	5.5-8
Melting point/freezing point	20 °C (68 °F)
Boiling point	no data available
Flash point	no data available
Ignition temperature	no data available
Autoignition Temperature	no data available
Lower explosion limit	no data available
Upper explosion limit	no data available
Vapor pressure	no data available
Density (water=1)	no data available
Water solubility	no data available
Partition coefficient: n-octanol/water	no data available
Relative vapour Density	no data available
Odour Threshold	no data available
Evaporation rate	no data available

10. STABILITY AND REACTIVITY

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

No further relevant data available.

Conditions to avoid

No further relevant data available.

Materials to avoid

No further relevant data available.

Hazardous decomposition products

No dangerous decomposition products known.

11. TOXICOLOGICAL INFORMATION

Acute toxicity LD/LC50 values

no data available

Serious eye damage/eye irritation

no data available

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Skin corrosion/irritation

no data available

Carcinogenicity

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

Reproductive toxicity

no data available

Teratogenicity

no data available

Aspiration hazard

no data available

Synergistic effects

no data available

12. ECOLOGICAL INFORMATION**Toxicity**

no data available

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

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.

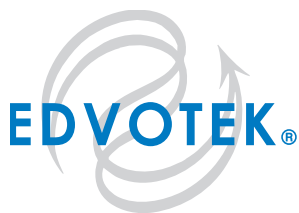
SARA 311/312 Hazards

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 09/26/2014

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Pre-stained
LyphoProtein™ Standard Marker

Product Number: 752

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
Sodium lauryl sulfate	205-788-1.	151-21-3	
Remazol Brilliant Blue R	228-060-5	6104-59-2	

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

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

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.

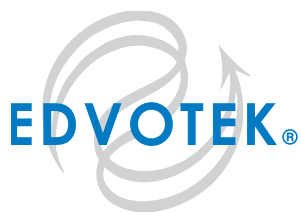
SARA 311/312 Hazards

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 10/08/2014

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Protein Denaturing
Solution
Product Number:
Brand:

Telephone: 1-800-338-6835
or 202-370-1500
Fax: 202-370-1501

2. HAZARDS IDENTIFICATION

Edvotek
Supplier: Edvotek
1121 5th Street NW
Washington, DC
20001

Emergency Phone #:
202-370-1500

Emergency Overview

OSHA Hazards

Acute toxicity, serious eye damage,
flammable solids, harmful if swallowed
or if inhaled, causes skin irritation,
causes serious eye damage, may
cause respiratory irritation.

GHS Classification

Flammable solids (2)
Acute toxicity, Oral (4)
Acute toxicity, Inhalation (4)
Skin irritation (2)
Serious eye damage (1)

Acute aquatic toxicity (2)
Chronic aquatic toxicity (3)

Signal Word

Danger

Pictogram



Hazard statement(s)

H271 May cause fire or explosion; strong oxidiser.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H333 May be harmful if inhaled.

H402 Harmful to aquatic life.

Precautionary statement(s)

P220 Keep/Store away from clothing/ combustible materials.

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.

P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell

P302 + P352 IF ON SKIN: Wash with plenty of soap and water

HMIS Classification:

Health hazard: 2

Flammability: 3

Physical hazard: 3

NFPA Rating:

Health hazard: 2

Fire: 3

Reactivity Hazard: 3

Potential Health Effects:

Inhalation May be harmful if inhaled.

Causes respiratory tract irritation

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

Eyes Causes eye irritation.

Ingestion Harmful if swallowed.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mix of the following components

Chemical name	EC No.	CAS –No	Concentration
Sodium Dodecyl Sulfate	205-788-1	151-21-3	--
2-Mercaptoethanol	200-464-6	60-24-2	--

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

No products known

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 -20 °C.

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
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

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

13. DISPOSAL CONSIDERATIONS

Other adverse effects

no data available

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

Acute toxicity, serious eye damage, flammable solids, harmful if swallowed or if inhaled, causes skin irritation, causes serious eye damage, may cause respiratory irritation.

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.

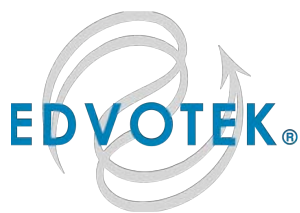
SARA 311/312 Hazards

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 09/23/2013

1. PRODUCT AND COMPANY IDENTIFICATION

Product name:	Protein InstaStain	Telephone:	1-800-338-6835
Product Number:	2016, 2017		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 Irritant Eye irritant (Category 2)

Signal Word

Irritant

Pictogram



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. CauseS skin irritation.
Eyes Cause eye irritation.
Ingestion May be harmful if swallowed.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture of the substances listed bellow with nonhazardous additions.

Chemical name	EC No.	CAS –No	Concentration
Brilliant blue R	228-060-5	6104-59-2	--
Methanol	200-659-6	67-57-1	--

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 (NO_x), 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.

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

Skin corrosion/irritation

no data available

Carcinogenicity**Reproductive toxicity**

no data available

Teratogenicity

no data available

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

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

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

Skin Irritant 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.

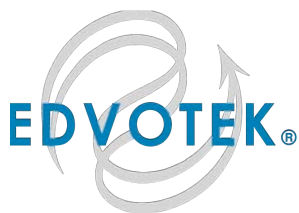
SARA 311/312 Hazards

No SARA Hazards.

16. OTHER INFORMATION

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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: Protein Samples
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
Sodium lauryl sulfate	205-788-1.	151-21-3	
Remazol Brilliant Blue R	228-060-5	6104-59-2	

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

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

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.

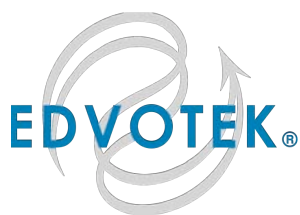
SARA 311/312 Hazards

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 09/13/2013

1. PRODUCT AND COMPANY IDENTIFICATION

Product name:	Tris-Glycine-SDS 10X Buffer	Telephone:	1-800-338-6835 or 202-370-1500
Product Number:	655	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:

Target Organ Effect, Harmful by ingestion. Toxic by skin absorption, Irritant

Signal word

Warning

Pictogram



Hazard statement(s)

H316 Causes mild skin irritation.

H319 Causes serious eye irritation.

Precautionary statement(s)

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. Causes respiratory tract irritation**Skin-** May be harmful if absorbed. through skin. Causes skin irritation.**Eyes:** Causes eye irritation.**Ingestion:** Harmful if swallowed.**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Mixture of the substances listed below with nonhazardous additions.

Chemical name	EC No.	CAS -No	Concentration
Tris (hydroxymethyl) aminomethane	201-064-4	77-86-1	
Sodium dodecyl sulphate	205-788-1	77-86-1	

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
Color	colorless
Odor	Odorless

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

Oxidizing agents, Strong oxidizing agents

Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides (NO_x), Sulphur oxides, Sodium oxides

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

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.

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**

Target Organ Effect, Harmful by ingestion. Toxic by skin absorption, 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

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

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