

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

Safety Data Sheet

Version 3
Revision Date 05/14/2025

1. PRODUCT AND COMPANY IDENTIFICATION

Product name:	Simulated white blood cell	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	50%

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.

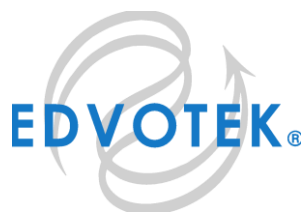
SARA 311/312 Hazards

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 05/14/2025

PRODUCT AND COMPANY IDENTIFICATION

Product name: Control Simulated Blood
Sample (Type A)
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

HAZARDS IDENTIFICATION

Emergency Overview

GHS Classification

Eye irritation (Cat 2B)
Skin irritation (Cat 2)
Oxidizing solid (Cat 2)
Hazards Not Otherwise Classified -
Combustible Dust.

Signal Word

Danger

Pictogram



Hazard statement(s)

H272 May intensify fire; oxidizer.
H315 Causes skin irritation.
H319 Causes serious eye irritation.

Precautionary statement(s)

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

P220 Keep/Store away from clothing and other combustible materials.

P221 Take any precaution to avoid mixing with combustibles.

P264 Wash hands thoroughly after handling.

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

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

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

P370+P378 In case of fire: Use appropriate media to extinguish.

P501 Dispose of contents/container in accordance with local regulations.

HMIS Classification:

Health hazard: 2

Flammability: 0

Physical hazard: 0

NFPA Rating:

Health hazard: 2

Fire: 0

Reactivity Hazard: 1

Potential Health Effects:

Inhalation May be harmful if inhaled.

Skin Causes skin irritation.

Eyes Causes eye burns.

Ingestion May be toxic if swallowed

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	EC No.	CAS -No	Concentration
Aluminum Nitrate	231-847-6	7784-27-2	<2.5 M

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.

FIREFIGHTING MEASURES

Conditions of flammability

Product is not flammable.

Specific hazards arising from the chemical

When heated to decomposition, will emit toxic fumes (nitrogen oxides, aluminum oxides). May intensify fire.

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

Combustion products may include carbon oxides and other toxic vapors.

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

Pick up and arrange disposal without creating dust. Sweep up and place in suitable containers for disposal. Clean surfaces thoroughly with water to remove residual contamination. Any release to the environment may be subject to federal/national or local reporting requirements.

Dispose of all waste and cleanup materials in accordance with regulations

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	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

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

Shipping name: Aluminum Nitrate.

Hazard class: 5.1, Oxidizer. UN number: UN1438.

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

15. REGULATORY INFORMATION

SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 30

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

SARA 311/312

Hazards : Acute Health Hazard

SARA 313 : The following components are subject to reporting levels established by SARA Title III, Section 313:

Aluminium nitrate nonahydrate $\geq 90 - \leq 100$ %

16. OTHER INFORMATION

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Washington, DC 20001
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Safety Data Sheet

Version 2
Revision Date 05/14/2025

PRODUCT AND COMPANY IDENTIFICATION

Product name: Control Simulated Blood
Sample (Type B)
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

HAZARDS IDENTIFICATION

Emergency Overview

GHS Classification

Acute toxicity, Oral (Category 4)
Serious eye damage (Category 1)

Signal Word

Danger

Pictogram



Hazard statement(s)

H318 Causes serious eye damage.

Precautionary statement(s)

P280 Wear 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: 2

Flammability: 0

Physical hazard: 1

NFPA Rating:

Health hazard: 2

Fire: 0

Reactivity Hazard: 1

Potential Health Effects:**Inhalation** May be harmful if inhaled.**Skin** If skin irritation.**Eyes** Causes eye burns.**Ingestion** May be toxic if swallowed**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical name	EC No.	CAS -No	Concentration
Calcium Nitrate	233-332-1	13477-34-4	<2.5 M

4. FIRST AID MEASURES**General information**

No special measures required.

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

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

After eye contact: rinse out with plenty of water. Immediately call in ophthalmologist. Remove contact lenses.

If swallowed**In case of skin contact**

Never give anything by mouth to an unconscious person. Rinse mouth

with water. Get medical attention if symptoms develop.

FIREFIGHTING MEASURES

Conditions of flammability

Product is not flammable.

Specific hazards arising from the chemical

When heated to decomposition, will emit toxic fumes (nitrogen oxides, aluminum oxides). May intensify fire.

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.

Special hazards

Nitrogen oxides (NO_x). Calcium oxide. Not combustible. Ambient fire may liberate hazardous vapours.

ACCIDENTAL RELEASE MEASURES

Personal precautions

Advice for non-emergency personnel: Avoid inhalation of dusts. Avoid substance contact. Ensure adequate ventilation. Evacuate the danger area, observe emergency procedures, consult an expert.

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

Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts.

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 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

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

UN-Number: 1454

UN proper shipping name: CALCIUM
NITRATE

Transport hazard class(es) Class: 5.1

Packing group:III

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

15. REGULATORY INFORMATION

SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 30

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

SARA 311/312

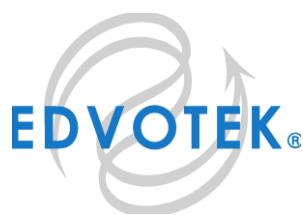
Hazards : Reactive, Acute, Chronic

16. OTHER INFORMATION

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

Safety Data Sheet

Version 2
Revision Date 05/14/2025

PRODUCT AND COMPANY IDENTIFICATION

Product name: Anti-A Serum
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

HAZARDS IDENTIFICATION

Emergency Overview

OSHA Hazards:

Irritant and Corrosive



GHS Classification

Serious eye damage (Category 2)
Acute oral toxicity (Category 4)

Hazard statement(s)

H302 Harmful if swallowed.
H318 Causes serious eye damage.

Signal word

Warning

Precautionary statement(s)

P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P280 Wear eye protection/ face protection.

Pictogram

P301 + P312 + P330 IF SWALLOWED:

Call a POISON CENTER/doctor if you feel unwell.

Rinse mouth.

P305 + P351 + P338 + P310 IF IN

EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.

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

HMIS Classification:

Health hazard: 2

Flammability: 0

Physical hazard: 0

NFPA Rating:

Health: 2

Flammability: 1

Instability: 1 0

Physical Hazard: NA

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 May be harmful if swallowed.

COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	EC No.	CAS –No	Concentration
Sodium salicylate	200-198-0	54-21-7	<= 1 M

FIRST AID MEASURES**General information**

If symptoms persist, call a physician.

respiration. Consult doctor in case of complaints.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial

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 for at least 15 minutes. 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.

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 monoxide (CO). Carbon dioxide (CO₂).

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.

HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Good laboratory technique should be used when handling.

Conditions for safe storage

No special measures necessary.

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:	no data available
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

Light.

Stable under recommended storage conditions.

Materials to avoid

Strong oxidizing agents. Strong bases. Iodine, Iron, and iron salts.

Possibility of hazardous reactions

No further relevant data available.

Hazardous decomposition products

Conditions to avoid

Hazardous decomposition products formed under fire conditions. Carbon oxides.

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

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity

no data available

Teratogenicity

no data available

Aspiration hazard

no data available

Synergistic effects**12. ECOLOGICAL INFORMATION**

no data available

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**

Irritant and 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

Acute Health Hazard, Chronic Health Hazard

16. OTHER INFORMATION

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

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SAFETY DATA SHEET

Version 1
Revision Date 05/14/2025

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Anti-B serum

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

(For both supplier and Manufacturer)

2. HAZARDS IDENTIFICATION

Emergency Overview

OSHA Hazards:

No known OSHA hazards

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

NFPA Rating:

Health hazard: 0

Fire: 0

Reactivity Hazard: 0

HMIS Classification:

Health hazard: 0

Flammability: 0

Physical hazard: 0

Potential Health Effects:

Inhalation May cause irritation

Skin- May cause 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 Sulfate	231-820-9	7757-82-6	>95

4. FIRST AID MEASURES

General information

No special measures required.

If inhaled

If breathed in, move person into fresh air. Get medical attention if symptoms occur..

In case of skin contact

Wash off with soap and plenty of water for 15 min.. Get medical attention if symptoms occur.

In case of eye contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.

If swallowed

Do NOT induce vomiting. Get medical attention.

5. FIREFIGHTING MEASURES

Conditions of flammability

Keep product and empty container away from heat and sources of ignition.

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Special protective equipment for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

Hazardous combustion products

Sulfur oxides. Sodium oxides.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Ensure adequate ventilation. Use personal protective equipment as required. Avoid dust formation.

Environmental precautions

Should not be released into the environment. See Section 12 for additional Ecological Information.

Methods and materials for containment and cleaning up

Sweep up and shovel into suitable containers for disposal. Avoid dust formation.

7. HANDLING AND STORAGE

Precautions for safe handling

Wear personal protective equipment/face protection. Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Avoid ingestion and inhalation. Avoid dust formation. Protect from moisture.

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

Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Hand protection

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

Eye protection

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin and body protection

Wear appropriate protective gloves and clothing to prevent skin exposure.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form	solid
Colour	white
Odor	characteristic

Safety data

pH	5 - 8	Vapour pressure	no data available
Melting point/freezing point	884 - 888 °C	Density (water=1)	1.0
Boiling point	no data available	Water solubility	soluble
Flash point	no data available	Partition coefficient:	
Ignition temperature	no data available	n-octanol/water	no data available
Autoignition Temperature	no data available	Relative vapour Density	no data available
Lower explosion limit	no data available	Odour Threshold	no data available
Upper explosion limit	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

Incompatible products. Excess heat. Avoid dust formation

Materials to avoid

Strong oxidizing agents

Hazardous decomposition products

Sulfur oxides, Sodium oxides

11. TOXICOLOGICAL INFORMATION

Acute toxicity LD/LC50 values

LC50 > 2.4 mg/L (Rat) 4 h

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 component 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 - Soluble in water
Persistence is unlikely based on information available.

Bioaccumulative potential - no data available

Mobility in soil - Will likely be mobile in the environment due to its water solubility.

PBT and vPvB assessment - no data available

Other adverse effects - no data available

13. DISPOSAL CONSIDERATIONS

Product

Do not empty into drains. Do not flush into surface water or sanitary sewer system.

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

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SAFETY DATA SHEET

Version 1
Revision Date 05/14/2025

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Anti-Rh Serum

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

(For both supplier and Manufacturer)

2. HAZARDS IDENTIFICATION

Emergency Overview

OSHA Hazards:

No known OSHA hazards

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

NFPA Rating:

Health hazard: 0

Fire: 0

Reactivity Hazard: 0

HMIS Classification:

Health hazard: 0

Flammability: 0

Physical hazard: 0

Potential Health Effects:

Inhalation May cause irritation

Skin- May cause 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
Magnesium sulfate - MgSO ₄	231-298-2	7487-88-9	

4. FIRST AID MEASURES

General information

No special measures required.

If inhaled

If breathed in, move person into fresh air.

In case of skin contact

In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower.

In case of eye contact

Rinse with plenty of water. Remove contact lenses.

If swallowed

After swallowing: drink water (two glasses at most).

Consult doctor if feeling unwell.

5. FIREFIGHTING MEASURES

Conditions of flammability

Not combustible.

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Special protective equipment for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

Hazardous combustion products

Sulfur oxides, Magnesium oxide

Not combustible. Ambient fire may liberate hazardous vapours.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Advice for non-emergency personnel: Avoid inhalation of dusts. Evacuate the danger area, observe emergency procedures, consult an expert. For personal protection see section 8.

Environmental precautions

Do not let product enter drains.

Methods and materials for containment and cleaning up

Sweep up and shovel into suitable containers for disposal. Avoid dust formation.

7. HANDLING AND STORAGE

Precautions for safe handling

Wear personal protective equipment/face protection. Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Avoid ingestion and inhalation. Avoid dust formation. Protect from moisture.

Conditions for safe storage

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

Incompatible Products

No data

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Personal protective equipment

Respiratory protection

Recommended Filter type: Filter type P1

Hand protection

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

Eye protection

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face

protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin and body protection

Wear appropriate protective gloves and clothing to prevent skin exposure.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form	granular, powder
Colour	white
Odor	odorless

Safety data

pH	ca.7.9 at 50 g	Vapour pressure	< 0.1 hPa at 20 °C (68 °F)
Melting point/freezing point	1,124 °C	Density (water=1)	2.66 g/cm3 at 20 °C (68 °F)
Boiling point	no data available	Water solubility	soluble
Flash point	no data available	Partition coefficient:	
Ignition temperature	no data available	n-octanol/water	no data available
Autoignition Temperature	no data available	Relative vapour Density	no data available
Lower explosion limit	no data available	Odour Threshold	no data available
Upper explosion limit	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

Hygroscopic, no information available

Materials to avoid

No data available

Hazardous decomposition products

In the event of fire: see section 5

11. TOXICOLOGICAL INFORMATION

Acute toxicity LD/LC50 values

LD50 > 2,000 mg/kg (Rat)

Serious eye damage/eye irritation

No eye irritation

Respiratory or skin sensitization

Negative, none

Germ cell mutagenicity

no data available

Skin corrosion/irritation

No skin irritation

Carcinogenicity

No component 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 - The methods for determining the biological degradability are not applicable to inorganic substances.

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

Waste material must be disposed of in accordance with the national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself.

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.

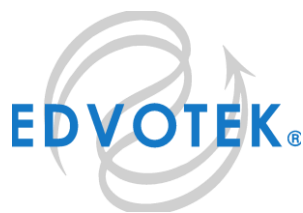
SARA 311/312 Hazards

No SARA Hazards

16. OTHER INFORMATION

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

Safety Data Sheet

Version 3
Revision Date 05/14/2025

PRODUCT AND COMPANY IDENTIFICATION

Product name:	AHG Serum	Telephone:	1-800-338-6835
Product			or 202-370-1500
Number: Brand:	Edvotek	Fax:	202-370-1501
Supplier:	Edvotek	Emergency Phone #:	202-370-1500

1121 5th Street NW
Washington, DC 20001

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.

COMPOSITION/INFORMATION ON INGREDIENTS

No ingredients are hazardous according to OSHA

Synonyms : prim.-Potassium phosphate

Potassium dihydrogen phosphate

Monopotassium phosphate

Formula : $\text{H}_2\text{KO}_4\text{P}$

Molecular Weight : 136.09 g/mol

Chemical name	EC No.	CAS -No	Concentration
Potassium dihydrogen phosphate	231-913-4	7778-77-0	---

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.

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

Oxides of phosphorus, Potassium oxides

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.

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	white
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.

Possibility of hazardous reactions

No further relevant data available.

Materials to avoid

Strong oxidizing agents.

Hazardous decomposition products

No dangerous decomposition products known.

TOXICOLOGICAL INFORMATION

Acute toxicity LD/LC50 values

no data available

Serious eye damage/eye irritation

no data available

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Skin corrosion/irritation

no data available

Carcinogenicity

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

Reproductive toxicity

no data available

Teratogenicity

no data available

Aspiration hazard

no data available

Synergistic effects

no data available

12. ECOLOGICAL INFORMATION

Toxicity

no data available

Persistence and degradability

no data available

Bioaccumulative potential

no data available

Mobility in soil

no data available

PBT and vPvB assessment

no data available

Other adverse effects

no data available

13. DISPOSAL CONSIDERATIONS**Product**

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

Contaminated packaging

Dispose of as unused product.

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

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

15. REGULATORY INFORMATION**OSHA Hazards**

No known OSHA hazards

SARA 302 Components

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

SARA 313 Components

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

SARA 311/312 Hazards

No SARA Hazards

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

Safety Data Sheet

Version 3
Revision Date 05/14/2025

PRODUCT AND COMPANY IDENTIFICATION

Product name: Red dye concentrate	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	

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.

COMPOSITION/INFORMATION ON INGREDIENTS

No ingredients are hazardous according to OSHA criteria.

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.

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

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.

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	red
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.

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.

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 component of this product are listed by IARC, ACGIH, NTP and OSHA.

Reproductive toxicity

no data available

Teratogenicity

no data available

Aspiration hazard

no data available

Synergistic effects

no data available

12. ECOLOGICAL INFORMATION

Toxicity

no data available

Persistence and degradability

no data available

Bioaccumulative potential

no data available

Mobility in soil

no data available

PBT and vPvB assessment

no data available

Other adverse effects

no data available

13. DISPOSAL CONSIDERATIONS

Product

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

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

15. REGULATORY INFORMATION

OSHA Hazards

No known OSHA hazards.

SARA 302 Components

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

SARA 313 Components

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

SARA 311/312 Hazards

No SARA Hazards.

16. OTHER INFORMATION

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