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## Safety Data Sheet

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### Identification of the substance/mixture and of the company/undertaking

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#### 1. Kit identifier

Kit name:	LumiSpin® UNI, DNA Isolation Spin Kit for Any Sample
Catalog number(s):	11573, 31573, 21573
Composition/information on components:	Wash Solution B (Concentrate to be diluted 5x with ethanol 96%) Elution Buffer (10 mM Tris-HCl, pH 8.5) RNase A (10 mg/mL) Wash Solution A (with GuHCl) Corundum (50 µm) Lysis Solution AS Red Blood Cell Lysis Buffer 10x Proteinase K (lyophilized) Proteinase K Dilution Buffer Sorption Solution LumiSpin UNI, DNA Isolation Spin Kit for Any Sample manual Leaflet - LumiSpin UNI, DNA Isolation Spin Kit for Any Sample Spin column (up to 20 µg) Pestle for Microcentrifuge Tube (Polypropylene)

#### 2. Relevant identified uses of the kit and uses advised against

Ready-to-use kit for efficient purification of genomic DNA from plant and animal tissues and organs, whole blood, buccal swabs, leukocytes, cultured mammalian cells, and gram-negative bacteria.

#### 3. Details of the supplier of the Safety Data Sheet

Supplier:	Lumiprobe Corporation 115 Airport Dr Suite 160 Westminster, Maryland 21157, USA +1 888 973 6353 order@lumiprobe.com
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#### 4. Emergency telephone number

+1 888 973 6353 ext 2

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**The set safety data sheet includes safety data sheets of all components**

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## Safety Data Sheet

### 1. Identification of the substance/mixture and of the company/undertaking

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#### 1.1. Product identifier

Product name: Wash Solution B (Concentrate to be diluted 5x with ethanol 96%)

Catalog number(s): K2250, M2250

Substance name: Wash Solution B (Concentrate to be diluted 5x with ethanol 96%)

Molecular formula: n.a.

Molecular weight: n.a.

CAS number: n.a.

EC number: N/A

REACH registration number: N/A

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Analytical reagent. Reagent for research and development.

#### 1.3. Details of the supplier of the Safety Data Sheet

Supplier: **Lumiprobe Corporation**  
115 Airport Dr Suite 160  
Westminster, Maryland 21157  
USA  
Phone: +1 888 973 6353  
Fax: +1 888 973 6354  
Email: [order@lumiprobe.com](mailto:order@lumiprobe.com)

#### 1.4. Emergency telephone number

+1 888 973 6353 ext 2; +49 (0)511 16596812

### 2. Hazards identification

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#### 2.1. Classification of the substance or mixture

The substance is not hazardous according to EU regulation (EC) No 1272/2008 or GHS regulations., and it does not contain any hazardous substance at more than 1% by weight. US Export Control Classification Number (ECCN) - EAR99 - The substance does not require a license.

#### 2.2. Label elements

Not applicable

#### 2.3. Other hazards

No other hazards identified

### 3. Composition/information on ingredients

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#### 3.1. Substances

Product name: Wash Solution B (Concentrate to be diluted 5x with ethanol 96%)

CAS number: n.a.

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Weight %: >95 %

### 3.2. Mixtures

Not applicable.

## 4. First aid measures

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### 4.1. Description of first aid measures

General notes	Wash thoroughly after use.
Inhalation	Move individual to fresh air and seek medical advice.
Skin contact	Wash affected area with water for 15 minutes and seek medical advice if irritation occurs.
Eye contact	Flush eye with water for 15 minutes and seek medical advice if irritation occurs.
Ingestion	Seek medical advice.
Self-protection of first aider	Wear protective gloves.

### 4.2. Most important symptoms and effects, both acute and delayed

We are not aware of any reported health hazards for this product.

### 4.3. Indication of any immediate medical attention and special treatment needed

No immediate medical attention or special treatment indicated.

## 5. Firefighting measure

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### 5.1. Extinguishing media

Suitable extinguishing media Depending on the surrounding fire. The substance is not flammable.  
Unsuitable extinguishing media Not known.

### 5.2. Special hazards arising from the substance or mixture

No special fire hazards.

### 5.3. Advice for firefighters

No specific precautions arising from the substance.

## 6. Accidental release measures

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### 6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel avoid breathing in dust. Wear gloves and safety glasses.  
For emergency responders avoid breathing in dust. Wear gloves and safety glasses.

### 6.2. Environmental precautions

Avoid release into environment and sewage water system.

### 6.3. Methods and material for containment and cleaning up

Small spill	Sweep up spilled substance promptly and dispose according to local regulations.
Large spill	Avoid dispersal. Sweep up spilled substance promptly and dispose according to local regulations.

#### **6.4. Reference to other sections**

See Section 8 for information on appropriate personal protective equipment.  
See Section 13 for additional waste treatment information.

### **7. Handling and storage**

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#### **7.1. Precautions for safe handling**

Wear protective equipment as specified in section 8.

Do not eat, drink and smoke in work areas. Thoroughly wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

#### **7.2. Conditions for safe storage, including any incompatibilities**

n.a.

#### **7.3. Specific end use(s)**

Analytical reagent. Reagent for research and development.

### **8. Exposure controls/personal protection**

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#### **8.1. Control parameters**

No occupational exposure limits known.

#### **8.2. Exposure controls**

Appropriate engineering controls:	Work in a fume hood.
Personal protection:	Work in a fume hood with usual precautions.
Eye/face protection:	Wear safety glasses.
Skin protection:	Wear chemical-resistant gloves. Wear a lab coat and appropriate shoes.
Respiratory protection:	Work in a fume hood
Environmental exposure controls:	Do not drain into sewage system

### **9. Physical and chemical properties**

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#### **9.1. Information on basic physical and chemical properties**

Appearance

Odour                      Odourless

Odour threshold        Not available

pH                         Not available

Melting point / freezing point        Not available

Initial boiling point and boiling range        Not available

Flash point              Substance does not sustain combustion.

Evaporation rate        Not available

Flammability (solid, gas)        Non-flammable

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Upper/lower flammability or explosive limits	Not available
Vapour pressure	Not available
Vapour density	Not available
Relative density	Not available
Solubility(ies)	n.a.
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Explosive properties	Not available
Oxidising properties	Not available

## 9.2. Other information

Not applicable

## 10. Stability and Reactivity

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### 10.1. Reactivity

No specific test data available for this substance.

### 10.2. Chemical stability

The product is stable under normal conditions of storage and use.

### 10.3. Possibility of hazardous reactions

No hazardous reactions will occur under normal conditions of storage and use.

### 10.4. Conditions to avoid

No specific data.

### 10.5. Incompatible materials

No specific data.

### 10.6. Hazardous decomposition products

No dangerous decomposition products should be produced under normal conditions of storage and use.

## 11. Toxicological information

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The toxicological properties of this substance have not been thoroughly investigated.

## 12. Ecological information

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### 12.1. Toxicity

No test data available.

### 12.2. Persistence and degradability

No test data available.

**12.3. Bioaccumulative potential**

No test data available.

**12.4. Mobility in soil**

No test data available.

**12.5. Results of PBT and vPvB assessment**

No test data available.

**12.6. Other adverse effects**

No test data available.

**12.7. Additional information**

We are not aware of any ecological hazards arising from this substance.

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**13. Disposal considerations**

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**13.1. Waste treatment methods**

Waste should not be disposed of by release to sewers. Consult local, state or national regulations for applicable requirements.

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**14. Transport Information**

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**14.1. UN number**

Not regulated.

**14.2. UN proper shipping name**

Not applicable.

**14.3. Transport hazard class(es)**

Not applicable.

**14.4. Packing group**

Not applicable.

**14.5. Environmental hazards**

No.

**14.6. Special precautions for user**

Not available.

**14.7 IATA/ICAO**

Not regulated.

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**15. Regulatory information**

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**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

The substance is not listed under relevant regulations.

**15.2. Chemical Safety Assessment**

No Chemical Safety Assessment has been carried out for this substance by the supplier.

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**16. Other information**

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Date of issue/revision 02.09.2025

Version 1

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## Safety Data Sheet

### 1. Identification of the substance/mixture and of the company/undertaking

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#### 1.1. Product identifier

Product name: Elution Buffer (10 mM Tris-HCl, pH 8.5)  
Catalog number(s): D1350, K1350, M1350  
Substance name: Elution Buffer (10 mM Tris-HCl, pH 8.5)  
Molecular formula: n.a.  
Molecular weight: n.a.  
CAS number: n.a.  
EC number: N/A  
REACH registration number: N/A

**1.2. Relevant identified uses of the substance or mixture and uses advised against**  
Analytical reagent. Reagent for research and development.

#### 1.3. Details of the supplier of the Safety Data Sheet

Supplier: **Lumiprobe Corporation**  
115 Airport Dr Suite 160  
Westminster, Maryland 21157  
USA  
Phone: +1 888 973 6353  
Fax: +1 888 973 6354  
Email: [order@lumiprobe.com](mailto:order@lumiprobe.com)

#### 1.4. Emergency telephone number

+1 888 973 6353 ext 2; +49 (0)511 16596812

### 2. Hazards identification

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#### 2.1. Classification of the substance or mixture

The substance is not hazardous according to EU regulation (EC) No 1272/2008 or GHS regulations., and it does not contain any hazardous substance at more than 1% by weight. US Export Control Classification Number (ECCN) - EAR99 - The substance does not require a license.

#### 2.2. Label elements

Not applicable

#### 2.3. Other hazards

No other hazards identified

### 3. Composition/information on ingredients

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#### 3.1. Substances

Product name: Elution Buffer (10 mM Tris-HCl, pH 8.5)  
CAS number: n.a.  
Weight %: >95 %

#### 3.2. Mixtures

Not applicable.

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## 4. First aid measures

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### 4.1. Description of first aid measures

General notes	Wash thoroughly after use.
Inhalation	Move individual to fresh air and seek medical advice.
Skin contact	Wash affected area with water for 15 minutes and seek medical advice if irritation occurs.
Eye contact	Flush eye with water for 15 minutes and seek medical advice if irritation occurs.
Ingestion	Seek medical advice.
Self-protection of first aider	Wear protective gloves.

### 4.2. Most important symptoms and effects, both acute and delayed

We are not aware of any reported health hazards for this product.

### 4.3. Indication of any immediate medical attention and special treatment needed

No immediate medical attention or special treatment indicated.

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## 5. Firefighting measure

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### 5.1. Extinguishing media

Suitable extinguishing media Depending on the surrounding fire. The substance is not flammable.  
Unsuitable extinguishing media Not known.

### 5.2. Special hazards arising from the substance or mixture

No special fire hazards.

### 5.3. Advice for firefighters

No specific precautions arising from the substance.

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## 6. Accidental release measures

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### 6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel avoid breathing in dust. Wear gloves and safety glasses.  
For emergency responders avoid breathing in dust. Wear gloves and safety glasses.

### 6.2. Environmental precautions

Avoid release into environment and sewage water system.

### 6.3. Methods and material for containment and cleaning up

Small spill	Sweep up spilled substance promptly and dispose according to local regulations.
Large spill	Avoid dispersal. Sweep up spilled substance promptly and dispose according to local regulations.

### 6.4. Reference to other sections

See Section 8 for information on appropriate personal protective equipment.  
See Section 13 for additional waste treatment information.



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## 7. Handling and storage

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### 7.1. Precautions for safe handling

Wear protective equipment as specified in section 8.

Do not eat, drink and smoke in work areas. Thoroughly wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

### 7.2. Conditions for safe storage, including any incompatibilities

n.a.

### 7.3. Specific end use(s)

Analytical reagent. Reagent for research and development.

## 8. Exposure controls/personal protection

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### 8.1. Control parameters

No occupational exposure limits known.

### 8.2. Exposure controls

Appropriate engineering controls: Work in a fume hood.

Personal protection: Work in a fume hood with usual precautions.

Eye/face protection: Wear safety glasses.

Skin protection: Wear chemical-resistant gloves. Wear a lab coat and appropriate shoes.

Respiratory protection: Work in a fume hood

Environmental exposure controls: Do not drain into sewage system

## 9. Physical and chemical properties

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### 9.1. Information on basic physical and chemical properties

Appearance

Odour Odourless

Odour threshold Not available

pH Not available

Melting point / freezing point Not available

Initial boiling point and boiling range Not available

Flash point Substance does not sustain combustion.

Evaporation rate Not available

Flammability (solid, gas) Non-flammable

Upper/lower flammability or explosive limits Not available

Vapour pressure Not available

Vapour density	Not available
Relative density	Not available
Solubility(ies)	n.a.
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Explosive properties	Not available
Oxidising properties	Not available

## **9.2. Other information**

Not applicable

## **10. Stability and Reactivity**

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### **10.1. Reactivity**

No specific test data available for this substance.

### **10.2. Chemical stability**

The product is stable under normal conditions of storage and use.

### **10.3. Possibility of hazardous reactions**

No hazardous reactions will occur under normal conditions of storage and use.

### **10.4. Conditions to avoid**

No specific data.

### **10.5. Incompatible materials**

No specific data.

### **10.6. Hazardous decomposition products**

No dangerous decomposition products should be produced under normal conditions of storage and use.

## **11. Toxicological information**

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The toxicological properties of this substance have not been thoroughly investigated.

## **12. Ecological information**

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### **12.1. Toxicity**

No test data available.

### **12.2. Persistence and degradability**

No test data available.

### **12.3. Bioaccumulative potential**

No test data available.

### **12.4. Mobility in soil**

No test data available.

**12.5. Results of PBT and vPvB assessment**

No test data available.

**12.6. Other adverse effects**

No test data available.

**12.7. Additional information**

We are not aware of any ecological hazards arising from this substance.

**13. Disposal considerations**

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**13.1. Waste treatment methods**

Waste should not be disposed of by release to sewers. Consult local, state or national regulations for applicable requirements.

**14. Transport Information**

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**14.1. UN number**

Not regulated.

**14.2. UN proper shipping name**

Not applicable.

**14.3. Transport hazard class(es)**

Not applicable.

**14.4. Packing group**

Not applicable.

**14.5. Environmental hazards**

No.

**14.6. Special precautions for user**

Not available.

**14.7 IATA/ICAO**

Not regulated.

**15. Regulatory information**

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**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

The substance is not listed under relevant regulations.

**15.2. Chemical Safety Assessment**

No Chemical Safety Assessment has been carried out for this substance by the supplier.

**16. Other information**

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Date of issue/revision 02.09.2025

Version 1

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## Safety Data Sheet

### 1. Identification of the substance/mixture and of the company/undertaking

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#### 1.1. Product identifier

Product name: RNase A (10 mg/mL)  
Catalog number(s): 11650, 31650, 51650  
Substance name: RNase A (10 mg/mL)  
Molecular formula: n.a.  
Molecular weight: n.a.  
CAS number: n.a.  
EC number: N/A  
REACH registration number: N/A

**1.2. Relevant identified uses of the substance or mixture and uses advised against**  
Analytical reagent. Reagent for research and development.

#### 1.3. Details of the supplier of the Safety Data Sheet

Supplier: **Lumiprobe Corporation**  
115 Airport Dr Suite 160  
Westminster, Maryland 21157  
USA  
Phone: +1 888 973 6353  
Fax: +1 888 973 6354  
Email: [order@lumiprobe.com](mailto:order@lumiprobe.com)

#### 1.4. Emergency telephone number

+1 888 973 6353 ext 2; +49 (0)511 16596812

### 2. Hazards identification

---

#### 2.1. Classification of the substance or mixture

The substance is not hazardous according to EU regulation (EC) No 1272/2008 or GHS regulations., and it does not contain any hazardous substance at more than 1% by weight. US Export Control Classification Number (ECCN) - EAR99 - The substance does not require a license.

#### 2.2. Label elements

Not applicable

#### 2.3. Other hazards

No other hazards identified

### 3. Composition/information on ingredients

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#### 3.1. Substances

Product name: RNase A (10 mg/mL)  
CAS number: n.a.  
Weight %: >95 %

#### 3.2. Mixtures

Not applicable.

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## 4. First aid measures

---

### 4.1. Description of first aid measures

General notes	Wash thoroughly after use.
Inhalation	Move individual to fresh air and seek medical advice.
Skin contact	Wash affected area with water for 15 minutes and seek medical advice if irritation occurs.
Eye contact	Flush eye with water for 15 minutes and seek medical advice if irritation occurs.
Ingestion	Seek medical advice.
Self-protection of first aider	Wear protective gloves.

### 4.2. Most important symptoms and effects, both acute and delayed

We are not aware of any reported health hazards for this product.

### 4.3. Indication of any immediate medical attention and special treatment needed

No immediate medical attention or special treatment indicated.

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## 5. Firefighting measure

---

### 5.1. Extinguishing media

Suitable extinguishing media Depending on the surrounding fire. The substance is not flammable.  
Unsuitable extinguishing media Not known.

### 5.2. Special hazards arising from the substance or mixture

No special fire hazards.

### 5.3. Advice for firefighters

No specific precautions arising from the substance.

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## 6. Accidental release measures

---

### 6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel avoid breathing in dust. Wear gloves and safety glasses.  
For emergency responders avoid breathing in dust. Wear gloves and safety glasses.

### 6.2. Environmental precautions

Avoid release into environment and sewage water system.

### 6.3. Methods and material for containment and cleaning up

Small spill	Sweep up spilled substance promptly and dispose according to local regulations.
Large spill	Avoid dispersal. Sweep up spilled substance promptly and dispose according to local regulations.

### 6.4. Reference to other sections

See Section 8 for information on appropriate personal protective equipment.  
See Section 13 for additional waste treatment information.

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## 7. Handling and storage

---

### 7.1. Precautions for safe handling

Wear protective equipment as specified in section 8.

Do not eat, drink and smoke in work areas. Thoroughly wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

### 7.2. Conditions for safe storage, including any incompatibilities

n.a.

### 7.3. Specific end use(s)

Analytical reagent. Reagent for research and development.

## 8. Exposure controls/personal protection

---

### 8.1. Control parameters

No occupational exposure limits known.

### 8.2. Exposure controls

Appropriate engineering controls: Work in a fume hood.

Personal protection: Work in a fume hood with usual precautions.

Eye/face protection: Wear safety glasses.

Skin protection: Wear chemical-resistant gloves. Wear a lab coat and appropriate shoes.

Respiratory protection: Work in a fume hood

Environmental exposure controls: Do not drain into sewage system

## 9. Physical and chemical properties

---

### 9.1. Information on basic physical and chemical properties

Appearance

Odour Odourless

Odour threshold Not available

pH Not available

Melting point / freezing point Not available

Initial boiling point and boiling range Not available

Flash point Substance does not sustain combustion.

Evaporation rate Not available

Flammability (solid, gas) Non-flammable

Upper/lower flammability or explosive limits Not available

Vapour pressure Not available

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Vapour density	Not available
Relative density	Not available
Solubility(ies)	n.a.
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Explosive properties	Not available
Oxidising properties	Not available

## 9.2. Other information

Not applicable

## 10. Stability and Reactivity

---

### 10.1. Reactivity

No specific test data available for this substance.

### 10.2. Chemical stability

The product is stable under normal conditions of storage and use.

### 10.3. Possibility of hazardous reactions

No hazardous reactions will occur under normal conditions of storage and use.

### 10.4. Conditions to avoid

No specific data.

### 10.5. Incompatible materials

No specific data.

### 10.6. Hazardous decomposition products

No dangerous decomposition products should be produced under normal conditions of storage and use.

## 11. Toxicological information

---

The toxicological properties of this substance have not been thoroughly investigated.

## 12. Ecological information

---

### 12.1. Toxicity

No test data available.

### 12.2. Persistence and degradability

No test data available.

### 12.3. Bioaccumulative potential

No test data available.

### 12.4. Mobility in soil

No test data available.

**12.5. Results of PBT and vPvB assessment**

No test data available.

**12.6. Other adverse effects**

No test data available.

**12.7. Additional information**

We are not aware of any ecological hazards arising from this substance.

**13. Disposal considerations**

---

**13.1. Waste treatment methods**

Waste should not be disposed of by release to sewers. Consult local, state or national regulations for applicable requirements.

**14. Transport Information**

---

**14.1. UN number**

Not regulated.

**14.2. UN proper shipping name**

Not applicable.

**14.3. Transport hazard class(es)**

Not applicable.

**14.4. Packing group**

Not applicable.

**14.5. Environmental hazards**

No.

**14.6. Special precautions for user**

Not available.

**14.7 IATA/ICAO**

Not regulated.

**15. Regulatory information**

---

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

The substance is not listed under relevant regulations.

**15.2. Chemical Safety Assessment**

No Chemical Safety Assessment has been carried out for this substance by the supplier.

**16. Other information**

---

Date of issue/revision 02.09.2025

Version 1



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## Safety Data Sheet

### 1. Identification of the substance/mixture and of the company/undertaking

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#### 1.1. Product identifier

Product name: Wash Solution A (with GuHCl)  
Catalog number(s): H2450, P2450, T2450  
Substance name: Wash Solution A (with GuHCl)  
Molecular formula: n.a.  
Molecular weight: n.a.  
CAS number: n.a.  
EC number: N/A  
REACH registration number: N/A

**1.2. Relevant identified uses of the substance or mixture and uses advised against**  
Analytical reagent. Reagent for research and development.

#### 1.3. Details of the supplier of the Safety Data Sheet

Supplier: **Lumiprobe Corporation**  
115 Airport Dr Suite 160  
Westminster, Maryland 21157  
USA  
Phone: +1 888 973 6353  
Fax: +1 888 973 6354  
Email: [order@lumiprobe.com](mailto:order@lumiprobe.com)

#### 1.4. Emergency telephone number

+1 888 973 6353 ext 2; +49 (0)511 16596812

### 2. Hazards identification

---

#### 2.1. Classification of the substance or mixture

The substance is not hazardous according to EU regulation (EC) No 1272/2008 or GHS regulations., and it does not contain any hazardous substance at more than 1% by weight. US Export Control Classification Number (ECCN) - EAR99 - The substance does not require a license.

#### 2.2. Label elements

Not applicable

#### 2.3. Other hazards

No other hazards identified

### 3. Composition/information on ingredients

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#### 3.1. Substances

Product name: Wash Solution A (with GuHCl)  
CAS number: n.a.  
Weight %: >95 %

#### 3.2. Mixtures

Not applicable.

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## 4. First aid measures

---

### 4.1. Description of first aid measures

General notes	Wash thoroughly after use.
Inhalation	Move individual to fresh air and seek medical advice.
Skin contact	Wash affected area with water for 15 minutes and seek medical advice if irritation occurs.
Eye contact	Flush eye with water for 15 minutes and seek medical advice if irritation occurs.
Ingestion	Seek medical advice.
Self-protection of first aider	Wear protective gloves.

### 4.2. Most important symptoms and effects, both acute and delayed

We are not aware of any reported health hazards for this product.

### 4.3. Indication of any immediate medical attention and special treatment needed

No immediate medical attention or special treatment indicated.

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## 5. Firefighting measure

---

### 5.1. Extinguishing media

Suitable extinguishing media Depending on the surrounding fire. The substance is not flammable.  
Unsuitable extinguishing media Not known.

### 5.2. Special hazards arising from the substance or mixture

No special fire hazards.

### 5.3. Advice for firefighters

No specific precautions arising from the substance.

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## 6. Accidental release measures

---

### 6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel avoid breathing in dust. Wear gloves and safety glasses.  
For emergency responders avoid breathing in dust. Wear gloves and safety glasses.

### 6.2. Environmental precautions

Avoid release into environment and sewage water system.

### 6.3. Methods and material for containment and cleaning up

Small spill	Sweep up spilled substance promptly and dispose according to local regulations.
Large spill	Avoid dispersal. Sweep up spilled substance promptly and dispose according to local regulations.

### 6.4. Reference to other sections

See Section 8 for information on appropriate personal protective equipment.  
See Section 13 for additional waste treatment information.

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## 7. Handling and storage

---

### 7.1. Precautions for safe handling

Wear protective equipment as specified in section 8.

Do not eat, drink and smoke in work areas. Thoroughly wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

### 7.2. Conditions for safe storage, including any incompatibilities

n.a.

### 7.3. Specific end use(s)

Analytical reagent. Reagent for research and development.

## 8. Exposure controls/personal protection

---

### 8.1. Control parameters

No occupational exposure limits known.

### 8.2. Exposure controls

Appropriate engineering controls: Work in a fume hood.

Personal protection: Work in a fume hood with usual precautions.

Eye/face protection: Wear safety glasses.

Skin protection: Wear chemical-resistant gloves. Wear a lab coat and appropriate shoes.

Respiratory protection: Work in a fume hood

Environmental exposure controls: Do not drain into sewage system

## 9. Physical and chemical properties

---

### 9.1. Information on basic physical and chemical properties

Appearance

Odour Odourless

Odour threshold Not available

pH Not available

Melting point / freezing point Not available

Initial boiling point and boiling range Not available

Flash point Substance does not sustain combustion.

Evaporation rate Not available

Flammability (solid, gas) Non-flammable

Upper/lower flammability or explosive limits Not available

Vapour pressure Not available

Vapour density	Not available
Relative density	Not available
Solubility(ies)	n.a.
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Explosive properties	Not available
Oxidising properties	Not available

## **9.2. Other information**

Not applicable

## **10. Stability and Reactivity**

---

### **10.1. Reactivity**

No specific test data available for this substance.

### **10.2. Chemical stability**

The product is stable under normal conditions of storage and use.

### **10.3. Possibility of hazardous reactions**

No hazardous reactions will occur under normal conditions of storage and use.

### **10.4. Conditions to avoid**

No specific data.

### **10.5. Incompatible materials**

No specific data.

### **10.6. Hazardous decomposition products**

No dangerous decomposition products should be produced under normal conditions of storage and use.

## **11. Toxicological information**

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The toxicological properties of this substance have not been thoroughly investigated.

## **12. Ecological information**

---

### **12.1. Toxicity**

No test data available.

### **12.2. Persistence and degradability**

No test data available.

### **12.3. Bioaccumulative potential**

No test data available.

### **12.4. Mobility in soil**

No test data available.

**12.5. Results of PBT and vPvB assessment**

No test data available.

**12.6. Other adverse effects**

No test data available.

**12.7. Additional information**

We are not aware of any ecological hazards arising from this substance.

**13. Disposal considerations**

---

**13.1. Waste treatment methods**

Waste should not be disposed of by release to sewers. Consult local, state or national regulations for applicable requirements.

**14. Transport Information**

---

**14.1. UN number**

Not regulated.

**14.2. UN proper shipping name**

Not applicable.

**14.3. Transport hazard class(es)**

Not applicable.

**14.4. Packing group**

Not applicable.

**14.5. Environmental hazards**

No.

**14.6. Special precautions for user**

Not available.

**14.7 IATA/ICAO**

Not regulated.

**15. Regulatory information**

---

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

The substance is not listed under relevant regulations.

**15.2. Chemical Safety Assessment**

No Chemical Safety Assessment has been carried out for this substance by the supplier.

**16. Other information**

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Version 1

---

## Safety Data Sheet

### 1. Identification of the substance/mixture and of the company/undertaking

---

#### 1.1. Product identifier

Product name: Corundum (50 µm)  
Catalog number(s): 1902-25g, 1902-50g, 1902-5g  
Substance name: Corundum (50 µm)  
Molecular formula: n.a.  
Molecular weight: n.a.  
CAS number: n.a.  
EC number: N/A  
REACH registration number: N/A

**1.2. Relevant identified uses of the substance or mixture and uses advised against**  
Analytical reagent. Reagent for research and development.

#### 1.3. Details of the supplier of the Safety Data Sheet

Supplier: **Lumiprobe Corporation**  
115 Airport Dr Suite 160  
Westminster, Maryland 21157  
USA  
Phone: +1 888 973 6353  
Fax: +1 888 973 6354  
Email: [order@lumiprobe.com](mailto:order@lumiprobe.com)

#### 1.4. Emergency telephone number

+1 888 973 6353 ext 2; +49 (0)511 16596812

### 2. Hazards identification

---

#### 2.1. Classification of the substance or mixture

The substance is not hazardous according to EU regulation (EC) No 1272/2008 or GHS regulations., and it does not contain any hazardous substance at more than 1% by weight. US Export Control Classification Number (ECCN) - EAR99 - The substance does not require a license.

#### 2.2. Label elements

Not applicable

#### 2.3. Other hazards

No other hazards identified

### 3. Composition/information on ingredients

---

#### 3.1. Substances

Product name: Corundum (50 µm)  
CAS number: n.a.  
Weight %: >95 %

#### 3.2. Mixtures

Not applicable.

## **4. First aid measures**

---

### **4.1. Description of first aid measures**

General notes	Wash thoroughly after use.
Inhalation	Move individual to fresh air and seek medical advice.
Skin contact	Wash affected area with water for 15 minutes and seek medical advice if irritation occurs.
Eye contact	Flush eye with water for 15 minutes and seek medical advice if irritation occurs.
Ingestion	Seek medical advice.
Self-protection of first aider	Wear protective gloves.

### **4.2. Most important symptoms and effects, both acute and delayed**

We are not aware of any reported health hazards for this product.

### **4.3. Indication of any immediate medical attention and special treatment needed**

No immediate medical attention or special treatment indicated.

## **5. Firefighting measure**

---

### **5.1. Extinguishing media**

Suitable extinguishing media Depending on the surrounding fire. The substance is not flammable.  
Unsuitable extinguishing media Not known.

### **5.2. Special hazards arising from the substance or mixture**

No special fire hazards.

### **5.3. Advice for firefighters**

No specific precautions arising from the substance.

## **6. Accidental release measures**

---

### **6.1. Personal precautions, protective equipment and emergency procedures**

For non-emergency personnel avoid breathing in dust. Wear gloves and safety glasses.  
For emergency responders avoid breathing in dust. Wear gloves and safety glasses.

### **6.2. Environmental precautions**

Avoid release into environment and sewage water system.

### **6.3. Methods and material for containment and cleaning up**

Small spill	Sweep up spilled substance promptly and dispose according to local regulations.
Large spill	Avoid dispersal. Sweep up spilled substance promptly and dispose according to local regulations.

### **6.4. Reference to other sections**

See Section 8 for information on appropriate personal protective equipment.  
See Section 13 for additional waste treatment information.

---

## 7. Handling and storage

---

### 7.1. Precautions for safe handling

Wear protective equipment as specified in section 8.

Do not eat, drink and smoke in work areas. Thoroughly wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

### 7.2. Conditions for safe storage, including any incompatibilities

n.a.

### 7.3. Specific end use(s)

Analytical reagent. Reagent for research and development.

## 8. Exposure controls/personal protection

---

### 8.1. Control parameters

No occupational exposure limits known.

### 8.2. Exposure controls

Appropriate engineering controls: Work in a fume hood.

Personal protection: Work in a fume hood with usual precautions.

Eye/face protection: Wear safety glasses.

Skin protection: Wear chemical-resistant gloves. Wear a lab coat and appropriate shoes.

Respiratory protection: Work in a fume hood

Environmental exposure controls: Do not drain into sewage system

## 9. Physical and chemical properties

---

### 9.1. Information on basic physical and chemical properties

Appearance

Odour Odourless

Odour threshold Not available

pH Not available

Melting point / freezing point Not available

Initial boiling point and boiling range Not available

Flash point Substance does not sustain combustion.

Evaporation rate Not available

Flammability (solid, gas) Non-flammable

Upper/lower flammability or explosive limits Not available

Vapour pressure Not available



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Vapour density	Not available
Relative density	Not available
Solubility(ies)	n.a.
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Explosive properties	Not available
Oxidising properties	Not available

## 9.2. Other information

Not applicable

## 10. Stability and Reactivity

---

### 10.1. Reactivity

No specific test data available for this substance.

### 10.2. Chemical stability

The product is stable under normal conditions of storage and use.

### 10.3. Possibility of hazardous reactions

No hazardous reactions will occur under normal conditions of storage and use.

### 10.4. Conditions to avoid

No specific data.

### 10.5. Incompatible materials

No specific data.

### 10.6. Hazardous decomposition products

No dangerous decomposition products should be produced under normal conditions of storage and use.

## 11. Toxicological information

---

The toxicological properties of this substance have not been thoroughly investigated.

## 12. Ecological information

---

### 12.1. Toxicity

No test data available.

### 12.2. Persistence and degradability

No test data available.

### 12.3. Bioaccumulative potential

No test data available.

### 12.4. Mobility in soil

No test data available.

**12.5. Results of PBT and vPvB assessment**

No test data available.

**12.6. Other adverse effects**

No test data available.

**12.7. Additional information**

We are not aware of any ecological hazards arising from this substance.

**13. Disposal considerations**

---

**13.1. Waste treatment methods**

Waste should not be disposed of by release to sewers. Consult local, state or national regulations for applicable requirements.

**14. Transport Information**

---

**14.1. UN number**

Not regulated.

**14.2. UN proper shipping name**

Not applicable.

**14.3. Transport hazard class(es)**

Not applicable.

**14.4. Packing group**

Not applicable.

**14.5. Environmental hazards**

No.

**14.6. Special precautions for user**

Not available.

**14.7 IATA/ICAO**

Not regulated.

**15. Regulatory information**

---

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

The substance is not listed under relevant regulations.

**15.2. Chemical Safety Assessment**

No Chemical Safety Assessment has been carried out for this substance by the supplier.

**16. Other information**

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## Safety Data Sheet

### 1. Identification of the substance/mixture and of the company/undertaking

---

#### 1.1. Product identifier

Product name: Lysis Solution AS  
Catalog number(s): H1850, P1850, T1850  
Substance name: Lysis Solution AS  
Molecular formula: n.a.  
Molecular weight: n.a.  
CAS number: n.a.  
EC number: N/A  
REACH registration number: N/A

**1.2. Relevant identified uses of the substance or mixture and uses advised against**  
Analytical reagent. Reagent for research and development.

#### 1.3. Details of the supplier of the Safety Data Sheet

Supplier: **Lumiprobe Corporation**  
115 Airport Dr Suite 160  
Westminster, Maryland 21157  
USA  
Phone: +1 888 973 6353  
Fax: +1 888 973 6354  
Email: [order@lumiprobe.com](mailto:order@lumiprobe.com)

#### 1.4. Emergency telephone number

+1 888 973 6353 ext 2; +49 (0)511 16596812

### 2. Hazards identification

---

#### 2.1. Classification of the substance or mixture

The substance is not hazardous according to EU regulation (EC) No 1272/2008 or GHS regulations., and it does not contain any hazardous substance at more than 1% by weight. US Export Control Classification Number (ECCN) - EAR99 - The substance does not require a license.

#### 2.2. Label elements

Not applicable

#### 2.3. Other hazards

No other hazards identified

### 3. Composition/information on ingredients

---

#### 3.1. Substances

Product name: Lysis Solution AS  
CAS number: n.a.  
Weight %: >95 %

#### 3.2. Mixtures

Not applicable.

---

## 4. First aid measures

---

### 4.1. Description of first aid measures

General notes	Wash thoroughly after use.
Inhalation	Move individual to fresh air and seek medical advice.
Skin contact	Wash affected area with water for 15 minutes and seek medical advice if irritation occurs.
Eye contact	Flush eye with water for 15 minutes and seek medical advice if irritation occurs.
Ingestion	Seek medical advice.
Self-protection of first aider	Wear protective gloves.

### 4.2. Most important symptoms and effects, both acute and delayed

We are not aware of any reported health hazards for this product.

### 4.3. Indication of any immediate medical attention and special treatment needed

No immediate medical attention or special treatment indicated.

---

## 5. Firefighting measure

---

### 5.1. Extinguishing media

Suitable extinguishing media Depending on the surrounding fire. The substance is not flammable.  
Unsuitable extinguishing media Not known.

### 5.2. Special hazards arising from the substance or mixture

No special fire hazards.

### 5.3. Advice for firefighters

No specific precautions arising from the substance.

---

## 6. Accidental release measures

---

### 6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel avoid breathing in dust. Wear gloves and safety glasses.  
For emergency responders avoid breathing in dust. Wear gloves and safety glasses.

### 6.2. Environmental precautions

Avoid release into environment and sewage water system.

### 6.3. Methods and material for containment and cleaning up

Small spill	Sweep up spilled substance promptly and dispose according to local regulations.
Large spill	Avoid dispersal. Sweep up spilled substance promptly and dispose according to local regulations.

### 6.4. Reference to other sections

See Section 8 for information on appropriate personal protective equipment.  
See Section 13 for additional waste treatment information.

---

## 7. Handling and storage

---

### 7.1. Precautions for safe handling

Wear protective equipment as specified in section 8.

Do not eat, drink and smoke in work areas. Thoroughly wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

### 7.2. Conditions for safe storage, including any incompatibilities

n.a.

### 7.3. Specific end use(s)

Analytical reagent. Reagent for research and development.

## 8. Exposure controls/personal protection

---

### 8.1. Control parameters

No occupational exposure limits known.

### 8.2. Exposure controls

Appropriate engineering controls: Work in a fume hood.

Personal protection: Work in a fume hood with usual precautions.

Eye/face protection: Wear safety glasses.

Skin protection: Wear chemical-resistant gloves. Wear a lab coat and appropriate shoes.

Respiratory protection: Work in a fume hood

Environmental exposure controls: Do not drain into sewage system

## 9. Physical and chemical properties

---

### 9.1. Information on basic physical and chemical properties

Appearance

Odour Odourless

Odour threshold Not available

pH Not available

Melting point / freezing point Not available

Initial boiling point and boiling range Not available

Flash point Substance does not sustain combustion.

Evaporation rate Not available

Flammability (solid, gas) Non-flammable

Upper/lower flammability or explosive limits Not available

Vapour pressure Not available

Vapour density	Not available
Relative density	Not available
Solubility(ies)	n.a.
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Explosive properties	Not available
Oxidising properties	Not available

## **9.2. Other information**

Not applicable

## **10. Stability and Reactivity**

---

### **10.1. Reactivity**

No specific test data available for this substance.

### **10.2. Chemical stability**

The product is stable under normal conditions of storage and use.

### **10.3. Possibility of hazardous reactions**

No hazardous reactions will occur under normal conditions of storage and use.

### **10.4. Conditions to avoid**

No specific data.

### **10.5. Incompatible materials**

No specific data.

### **10.6. Hazardous decomposition products**

No dangerous decomposition products should be produced under normal conditions of storage and use.

## **11. Toxicological information**

---

The toxicological properties of this substance have not been thoroughly investigated.

## **12. Ecological information**

---

### **12.1. Toxicity**

No test data available.

### **12.2. Persistence and degradability**

No test data available.

### **12.3. Bioaccumulative potential**

No test data available.

### **12.4. Mobility in soil**

No test data available.

**12.5. Results of PBT and vPvB assessment**

No test data available.

**12.6. Other adverse effects**

No test data available.

**12.7. Additional information**

We are not aware of any ecological hazards arising from this substance.

**13. Disposal considerations**

---

**13.1. Waste treatment methods**

Waste should not be disposed of by release to sewers. Consult local, state or national regulations for applicable requirements.

**14. Transport Information**

---

**14.1. UN number**

Not regulated.

**14.2. UN proper shipping name**

Not applicable.

**14.3. Transport hazard class(es)**

Not applicable.

**14.4. Packing group**

Not applicable.

**14.5. Environmental hazards**

No.

**14.6. Special precautions for user**

Not available.

**14.7 IATA/ICAO**

Not regulated.

**15. Regulatory information**

---

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

The substance is not listed under relevant regulations.

**15.2. Chemical Safety Assessment**

No Chemical Safety Assessment has been carried out for this substance by the supplier.

**16. Other information**

---

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Version 1

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## Safety Data Sheet

### 1. Identification of the substance/mixture and of the company/undertaking

---

#### 1.1. Product identifier

Product name: Red Blood Cell Lysis Buffer 10x  
Catalog number(s): K3150, S3150, U3150  
Substance name: Red Blood Cell Lysis Buffer 10x  
Molecular formula: n.a.  
Molecular weight: n.a.  
CAS number: n.a.  
EC number: N/A  
REACH registration number: N/A

**1.2. Relevant identified uses of the substance or mixture and uses advised against**  
Analytical reagent. Reagent for research and development.

#### 1.3. Details of the supplier of the Safety Data Sheet

Supplier: **Lumiprobe Corporation**  
115 Airport Dr Suite 160  
Westminster, Maryland 21157  
USA  
Phone: +1 888 973 6353  
Fax: +1 888 973 6354  
Email: [order@lumiprobe.com](mailto:order@lumiprobe.com)

#### 1.4. Emergency telephone number

+1 888 973 6353 ext 2; +49 (0)511 16596812

### 2. Hazards identification

---

#### 2.1. Classification of the substance or mixture

The substance is not hazardous according to EU regulation (EC) No 1272/2008 or GHS regulations., and it does not contain any hazardous substance at more than 1% by weight. US Export Control Classification Number (ECCN) - EAR99 - The substance does not require a license.

#### 2.2. Label elements

Not applicable

#### 2.3. Other hazards

No other hazards identified

### 3. Composition/information on ingredients

---

#### 3.1. Substances

Product name: Red Blood Cell Lysis Buffer 10x  
CAS number: n.a.  
Weight %: >95 %

#### 3.2. Mixtures



Not applicable.

## **4. First aid measures**

---

### **4.1. Description of first aid measures**

General notes	Wash thoroughly after use.
Inhalation	Move individual to fresh air and seek medical advice.
Skin contact	Wash affected area with water for 15 minutes and seek medical advice if irritation occurs.
Eye contact	Flush eye with water for 15 minutes and seek medical advice if irritation occurs.
Ingestion	Seek medical advice.
Self-protection of first aider	Wear protective gloves.

### **4.2. Most important symptoms and effects, both acute and delayed**

We are not aware of any reported health hazards for this product.

### **4.3. Indication of any immediate medical attention and special treatment needed**

No immediate medical attention or special treatment indicated.

## **5. Firefighting measure**

---

### **5.1. Extinguishing media**

Suitable extinguishing media Depending on the surrounding fire. The substance is not flammable.  
Unsuitable extinguishing media Not known.

### **5.2. Special hazards arising from the substance or mixture**

No special fire hazards.

### **5.3. Advice for firefighters**

No specific precautions arising from the substance.

## **6. Accidental release measures**

---

### **6.1. Personal precautions, protective equipment and emergency procedures**

For non-emergency personnel avoid breathing in dust. Wear gloves and safety glasses.  
For emergency responders avoid breathing in dust. Wear gloves and safety glasses.

### **6.2. Environmental precautions**

Avoid release into environment and sewage water system.

### **6.3. Methods and material for containment and cleaning up**

Small spill	Sweep up spilled substance promptly and dispose according to local regulations.
Large spill	Avoid dispersal. Sweep up spilled substance promptly and dispose according to local regulations.

### **6.4. Reference to other sections**

See Section 8 for information on appropriate personal protective equipment.  
See Section 13 for additional waste treatment information.

---

## 7. Handling and storage

---

### 7.1. Precautions for safe handling

Wear protective equipment as specified in section 8.

Do not eat, drink and smoke in work areas. Thoroughly wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

### 7.2. Conditions for safe storage, including any incompatibilities

n.a.

### 7.3. Specific end use(s)

Analytical reagent. Reagent for research and development.

## 8. Exposure controls/personal protection

---

### 8.1. Control parameters

No occupational exposure limits known.

### 8.2. Exposure controls

Appropriate engineering controls: Work in a fume hood.

Personal protection: Work in a fume hood with usual precautions.

Eye/face protection: Wear safety glasses.

Skin protection: Wear chemical-resistant gloves. Wear a lab coat and appropriate shoes.

Respiratory protection: Work in a fume hood

Environmental exposure controls: Do not drain into sewage system

## 9. Physical and chemical properties

---

### 9.1. Information on basic physical and chemical properties

Appearance

Odour Odourless

Odour threshold Not available

pH Not available

Melting point / freezing point Not available

Initial boiling point and boiling range Not available

Flash point Substance does not sustain combustion.

Evaporation rate Not available

Flammability (solid, gas) Non-flammable

Upper/lower flammability or explosive limits Not available

Vapour pressure Not available

Vapour density	Not available
Relative density	Not available
Solubility(ies)	n.a.
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Explosive properties	Not available
Oxidising properties	Not available

## **9.2. Other information**

Not applicable

## **10. Stability and Reactivity**

---

### **10.1. Reactivity**

No specific test data available for this substance.

### **10.2. Chemical stability**

The product is stable under normal conditions of storage and use.

### **10.3. Possibility of hazardous reactions**

No hazardous reactions will occur under normal conditions of storage and use.

### **10.4. Conditions to avoid**

No specific data.

### **10.5. Incompatible materials**

No specific data.

### **10.6. Hazardous decomposition products**

No dangerous decomposition products should be produced under normal conditions of storage and use.

## **11. Toxicological information**

---

The toxicological properties of this substance have not been thoroughly investigated.

## **12. Ecological information**

---

### **12.1. Toxicity**

No test data available.

### **12.2. Persistence and degradability**

No test data available.

### **12.3. Bioaccumulative potential**

No test data available.

### **12.4. Mobility in soil**

No test data available.

**12.5. Results of PBT and vPvB assessment**

No test data available.

**12.6. Other adverse effects**

No test data available.

**12.7. Additional information**

We are not aware of any ecological hazards arising from this substance.

**13. Disposal considerations**

---

**13.1. Waste treatment methods**

Waste should not be disposed of by release to sewers. Consult local, state or national regulations for applicable requirements.

**14. Transport Information**

---

**14.1. UN number**

Not regulated.

**14.2. UN proper shipping name**

Not applicable.

**14.3. Transport hazard class(es)**

Not applicable.

**14.4. Packing group**

Not applicable.

**14.5. Environmental hazards**

No.

**14.6. Special precautions for user**

Not available.

**14.7 IATA/ICAO**

Not regulated.

**15. Regulatory information**

---

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

The substance is not listed under relevant regulations.

**15.2. Chemical Safety Assessment**

No Chemical Safety Assessment has been carried out for this substance by the supplier.

**16. Other information**

---

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Version 1

---

## Safety Data Sheet

### 1. Identification of the substance/mixture and of the company/undertaking

---

#### 1.1. Product identifier

Product name: Proteinase K (lyophilized)  
Catalog number(s): 12850, 22850, 32850, 62850  
Substance name: Proteinase K (lyophilized)  
Molecular formula: n.a.  
Molecular weight: n.a.  
CAS number: 39450-01-6  
EC number: N/A  
REACH registration number: N/A

**1.2. Relevant identified uses of the substance or mixture and uses advised against**  
Analytical reagent. Reagent for research and development.

#### 1.3. Details of the supplier of the Safety Data Sheet

Supplier: **Lumiprobe Corporation**  
115 Airport Dr Suite 160  
Westminster, Maryland 21157  
USA  
Phone: +1 888 973 6353  
Fax: +1 888 973 6354  
Email: [order@lumiprobe.com](mailto:order@lumiprobe.com)

#### 1.4. Emergency telephone number

+1 888 973 6353 ext 2; +49 (0)511 16596812

### 2. Hazards identification

---

#### 2.1. Classification of the substance or mixture

The substance is not hazardous according to EU regulation (EC) No 1272/2008 or GHS regulations., and it does not contain any hazardous substance at more than 1% by weight. US Export Control Classification Number (ECCN) - EAR99 - The substance does not require a license.

#### 2.2. Label elements

Not applicable

#### 2.3. Other hazards

No other hazards identified

### 3. Composition/information on ingredients

---

#### 3.1. Substances

Product name: Proteinase K (lyophilized)  
CAS number: 39450-01-6  
Weight %: >95 %

#### 3.2. Mixtures

Not applicable.

---

## 4. First aid measures

---

### 4.1. Description of first aid measures

General notes	Wash thoroughly after use.
Inhalation	Move individual to fresh air and seek medical advice.
Skin contact	Wash affected area with water for 15 minutes and seek medical advice if irritation occurs.
Eye contact	Flush eye with water for 15 minutes and seek medical advice if irritation occurs.
Ingestion	Seek medical advice.
Self-protection of first aider	Wear protective gloves.

### 4.2. Most important symptoms and effects, both acute and delayed

We are not aware of any reported health hazards for this product.

### 4.3. Indication of any immediate medical attention and special treatment needed

No immediate medical attention or special treatment indicated.

---

## 5. Firefighting measure

---

### 5.1. Extinguishing media

Suitable extinguishing media Depending on the surrounding fire. The substance is not flammable.  
Unsuitable extinguishing media Not known.

### 5.2. Special hazards arising from the substance or mixture

No special fire hazards.

### 5.3. Advice for firefighters

No specific precautions arising from the substance.

---

## 6. Accidental release measures

---

### 6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel avoid breathing in dust. Wear gloves and safety glasses.  
For emergency responders avoid breathing in dust. Wear gloves and safety glasses.

### 6.2. Environmental precautions

Avoid release into environment and sewage water system.

### 6.3. Methods and material for containment and cleaning up

Small spill	Sweep up spilled substance promptly and dispose according to local regulations.
Large spill	Avoid dispersal. Sweep up spilled substance promptly and dispose according to local regulations.

### 6.4. Reference to other sections

See Section 8 for information on appropriate personal protective equipment.  
See Section 13 for additional waste treatment information.

---

## 7. Handling and storage

---

### 7.1. Precautions for safe handling

Wear protective equipment as specified in section 8.

Do not eat, drink and smoke in work areas. Thoroughly wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

### 7.2. Conditions for safe storage, including any incompatibilities

24 months after receipt at -20°C in the dark. Transportation: at room temperature for up to 3 weeks.

### 7.3. Specific end use(s)

Analytical reagent. Reagent for research and development.

## 8. Exposure controls/personal protection

---

### 8.1. Control parameters

No occupational exposure limits known.

### 8.2. Exposure controls

Appropriate engineering controls: Work in a fume hood.

Personal protection: Work in a fume hood with usual precautions.

Eye/face protection: Wear safety glasses.

Skin protection: Wear chemical-resistant gloves. Wear a lab coat and appropriate shoes.

Respiratory protection: Work in a fume hood

Environmental exposure controls: Do not drain into sewage system

## 9. Physical and chemical properties

---

### 9.1. Information on basic physical and chemical properties

Appearance

Odour Odourless

Odour threshold Not available

pH Not available

Melting point / freezing point Not available

Initial boiling point and boiling range Not available

Flash point Substance does not sustain combustion.

Evaporation rate Not available

Flammability (solid, gas) Non-flammable

Upper/lower flammability or explosive limits Not available

Vapour pressure Not available

Vapour density	Not available
Relative density	Not available
Solubility(ies)	n.a.
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Explosive properties	Not available
Oxidising properties	Not available

## **9.2. Other information**

Not applicable

## **10. Stability and Reactivity**

---

### **10.1. Reactivity**

No specific test data available for this substance.

### **10.2. Chemical stability**

The product is stable under normal conditions of storage and use.

### **10.3. Possibility of hazardous reactions**

No hazardous reactions will occur under normal conditions of storage and use.

### **10.4. Conditions to avoid**

No specific data.

### **10.5. Incompatible materials**

No specific data.

### **10.6. Hazardous decomposition products**

No dangerous decomposition products should be produced under normal conditions of storage and use.

## **11. Toxicological information**

---

The toxicological properties of this substance have not been thoroughly investigated.

## **12. Ecological information**

---

### **12.1. Toxicity**

No test data available.

### **12.2. Persistence and degradability**

No test data available.

### **12.3. Bioaccumulative potential**

No test data available.

### **12.4. Mobility in soil**

No test data available.



**12.5. Results of PBT and vPvB assessment**

No test data available.

**12.6. Other adverse effects**

No test data available.

**12.7. Additional information**

We are not aware of any ecological hazards arising from this substance.

**13. Disposal considerations**

---

**13.1. Waste treatment methods**

Waste should not be disposed of by release to sewers. Consult local, state or national regulations for applicable requirements.

**14. Transport Information**

---

**14.1. UN number**

Not regulated.

**14.2. UN proper shipping name**

Not applicable.

**14.3. Transport hazard class(es)**

Not applicable.

**14.4. Packing group**

Not applicable.

**14.5. Environmental hazards**

No.

**14.6. Special precautions for user**

Not available.

**14.7 IATA/ICAO**

Not regulated.

**15. Regulatory information**

---

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

The substance is not listed under relevant regulations.

**15.2. Chemical Safety Assessment**

No Chemical Safety Assessment has been carried out for this substance by the supplier.

**16. Other information**

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Version 1

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## Safety Data Sheet

### 1. Identification of the substance/mixture and of the company/undertaking

---

#### 1.1. Product identifier

Product name: Proteinase K Dilution Buffer  
Catalog number(s): B3850, C3850, D3850  
Substance name: Proteinase K Dilution Buffer  
Molecular formula: n.a.  
Molecular weight: n.a.  
CAS number: n.a.  
EC number: N/A  
REACH registration number: N/A

**1.2. Relevant identified uses of the substance or mixture and uses advised against**  
Analytical reagent. Reagent for research and development.

#### 1.3. Details of the supplier of the Safety Data Sheet

Supplier: **Lumiprobe Corporation**  
115 Airport Dr Suite 160  
Westminster, Maryland 21157  
USA  
Phone: +1 888 973 6353  
Fax: +1 888 973 6354  
Email: [order@lumiprobe.com](mailto:order@lumiprobe.com)

#### 1.4. Emergency telephone number

+1 888 973 6353 ext 2; +49 (0)511 16596812

### 2. Hazards identification

---

#### 2.1. Classification of the substance or mixture

The substance is not hazardous according to EU regulation (EC) No 1272/2008 or GHS regulations., and it does not contain any hazardous substance at more than 1% by weight. US Export Control Classification Number (ECCN) - EAR99 - The substance does not require a license.

#### 2.2. Label elements

Not applicable

#### 2.3. Other hazards

No other hazards identified

### 3. Composition/information on ingredients

---

#### 3.1. Substances

Product name: Proteinase K Dilution Buffer  
CAS number: n.a.  
Weight %: >95 %

#### 3.2. Mixtures

Not applicable.

---

## 4. First aid measures

---

### 4.1. Description of first aid measures

General notes	Wash thoroughly after use.
Inhalation	Move individual to fresh air and seek medical advice.
Skin contact	Wash affected area with water for 15 minutes and seek medical advice if irritation occurs.
Eye contact	Flush eye with water for 15 minutes and seek medical advice if irritation occurs.
Ingestion	Seek medical advice.
Self-protection of first aider	Wear protective gloves.

### 4.2. Most important symptoms and effects, both acute and delayed

We are not aware of any reported health hazards for this product.

### 4.3. Indication of any immediate medical attention and special treatment needed

No immediate medical attention or special treatment indicated.

---

## 5. Firefighting measure

---

### 5.1. Extinguishing media

Suitable extinguishing media Depending on the surrounding fire. The substance is not flammable.  
Unsuitable extinguishing media Not known.

### 5.2. Special hazards arising from the substance or mixture

No special fire hazards.

### 5.3. Advice for firefighters

No specific precautions arising from the substance.

---

## 6. Accidental release measures

---

### 6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel avoid breathing in dust. Wear gloves and safety glasses.  
For emergency responders avoid breathing in dust. Wear gloves and safety glasses.

### 6.2. Environmental precautions

Avoid release into environment and sewage water system.

### 6.3. Methods and material for containment and cleaning up

Small spill	Sweep up spilled substance promptly and dispose according to local regulations.
Large spill	Avoid dispersal. Sweep up spilled substance promptly and dispose according to local regulations.

### 6.4. Reference to other sections

See Section 8 for information on appropriate personal protective equipment.  
See Section 13 for additional waste treatment information.

---

## 7. Handling and storage

---

### 7.1. Precautions for safe handling

Wear protective equipment as specified in section 8.

Do not eat, drink and smoke in work areas. Thoroughly wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

### 7.2. Conditions for safe storage, including any incompatibilities

Store at temperature between +2 °C and +8 °C. Transportation: at room temperature for up to 3 weeks or at temperatures up to +8 °C within the entire shelf life. Desiccate.

### 7.3. Specific end use(s)

Analytical reagent. Reagent for research and development.

## 8. Exposure controls/personal protection

---

### 8.1. Control parameters

No occupational exposure limits known.

### 8.2. Exposure controls

Appropriate engineering controls:	Work in a fume hood.
Personal protection:	Work in a fume hood with usual precautions.
Eye/face protection:	Wear safety glasses.
Skin protection:	Wear chemical-resistant gloves. Wear a lab coat and appropriate shoes.
Respiratory protection:	Work in a fume hood
Environmental exposure controls:	Do not drain into sewage system

## 9. Physical and chemical properties

---

### 9.1. Information on basic physical and chemical properties

Appearance	
Odour	Odourless
Odour threshold	Not available
pH	Not available
Melting point / freezing point	Not available
Initial boiling point and boiling range	Not available
Flash point	Substance does not sustain combustion.
Evaporation rate	Not available
Flammability (solid, gas)	Non-flammable
Upper/lower flammability or explosive limits	Not available

---

Vapour pressure	Not available
Vapour density	Not available
Relative density	Not available
Solubility(ies)	n.a.
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Explosive properties	Not available
Oxidising properties	Not available

## 9.2. Other information

Not applicable

## 10. Stability and Reactivity

---

### 10.1. Reactivity

No specific test data available for this substance.

### 10.2. Chemical stability

The product is stable under normal conditions of storage and use.

### 10.3. Possibility of hazardous reactions

No hazardous reactions will occur under normal conditions of storage and use.

### 10.4. Conditions to avoid

No specific data.

### 10.5. Incompatible materials

No specific data.

### 10.6. Hazardous decomposition products

No dangerous decomposition products should be produced under normal conditions of storage and use.

## 11. Toxicological information

---

The toxicological properties of this substance have not been thoroughly investigated.

## 12. Ecological information

---

### 12.1. Toxicity

No test data available.

### 12.2. Persistence and degradability

No test data available.

### 12.3. Bioaccumulative potential

No test data available.

### 12.4. Mobility in soil

No test data available.

**12.5. Results of PBT and vPvB assessment**

No test data available.

**12.6. Other adverse effects**

No test data available.

**12.7. Additional information**

We are not aware of any ecological hazards arising from this substance.

---

**13. Disposal considerations**

**13.1. Waste treatment methods**

Waste should not be disposed of by release to sewers. Consult local, state or national regulations for applicable requirements.

---

**14. Transport Information**

**14.1. UN number**

Not regulated.

**14.2. UN proper shipping name**

Not applicable.

**14.3. Transport hazard class(es)**

Not applicable.

**14.4. Packing group**

Not applicable.

**14.5. Environmental hazards**

No.

**14.6. Special precautions for user**

Not available.

**14.7 IATA/ICAO**

Not regulated.

---

**15. Regulatory information**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

The substance is not listed under relevant regulations.

**15.2. Chemical Safety Assessment**

No Chemical Safety Assessment has been carried out for this substance by the supplier.

---

**16. Other information**

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## Safety Data Sheet

### 1. Identification of the substance/mixture and of the company/undertaking

---

#### 1.1. Product identifier

Product name: Sorption Solution  
Catalog number(s): F5450, M5450, R5450  
Substance name: Sorption Solution  
Molecular formula: n.a.  
Molecular weight: n.a.  
CAS number: n.a.  
EC number: N/A  
REACH registration number: N/A

**1.2. Relevant identified uses of the substance or mixture and uses advised against**  
Analytical reagent. Reagent for research and development.

#### 1.3. Details of the supplier of the Safety Data Sheet

Supplier: **Lumiprobe Corporation**  
115 Airport Dr Suite 160  
Westminster, Maryland 21157  
USA  
Phone: +1 888 973 6353  
Fax: +1 888 973 6354  
Email: [order@lumiprobe.com](mailto:order@lumiprobe.com)

#### 1.4. Emergency telephone number

+1 888 973 6353 ext 2; +49 (0)511 16596812

### 2. Hazards identification

---

#### 2.1. Classification of the substance or mixture

The substance is not hazardous according to EU regulation (EC) No 1272/2008 or GHS regulations., and it does not contain any hazardous substance at more than 1% by weight. US Export Control Classification Number (ECCN) - EAR99 - The substance does not require a license.

#### 2.2. Label elements

Not applicable

#### 2.3. Other hazards

No other hazards identified

### 3. Composition/information on ingredients

---

#### 3.1. Substances

Product name: Sorption Solution  
CAS number: n.a.  
Weight %: >95 %

#### 3.2. Mixtures

Not applicable.

## **4. First aid measures**

---

### **4.1. Description of first aid measures**

General notes	Wash thoroughly after use.
Inhalation	Move individual to fresh air and seek medical advice.
Skin contact	Wash affected area with water for 15 minutes and seek medical advice if irritation occurs.
Eye contact	Flush eye with water for 15 minutes and seek medical advice if irritation occurs.
Ingestion	Seek medical advice.
Self-protection of first aider	Wear protective gloves.

### **4.2. Most important symptoms and effects, both acute and delayed**

We are not aware of any reported health hazards for this product.

### **4.3. Indication of any immediate medical attention and special treatment needed**

No immediate medical attention or special treatment indicated.

## **5. Firefighting measure**

---

### **5.1. Extinguishing media**

Suitable extinguishing media Depending on the surrounding fire. The substance is not flammable.  
Unsuitable extinguishing media Not known.

### **5.2. Special hazards arising from the substance or mixture**

No special fire hazards.

### **5.3. Advice for firefighters**

No specific precautions arising from the substance.

## **6. Accidental release measures**

---

### **6.1. Personal precautions, protective equipment and emergency procedures**

For non-emergency personnel avoid breathing in dust. Wear gloves and safety glasses.  
For emergency responders avoid breathing in dust. Wear gloves and safety glasses.

### **6.2. Environmental precautions**

Avoid release into environment and sewage water system.

### **6.3. Methods and material for containment and cleaning up**

Small spill	Sweep up spilled substance promptly and dispose according to local regulations.
Large spill	Avoid dispersal. Sweep up spilled substance promptly and dispose according to local regulations.

### **6.4. Reference to other sections**

See Section 8 for information on appropriate personal protective equipment.  
See Section 13 for additional waste treatment information.



---

## 7. Handling and storage

---

### 7.1. Precautions for safe handling

Wear protective equipment as specified in section 8.

Do not eat, drink and smoke in work areas. Thoroughly wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

### 7.2. Conditions for safe storage, including any incompatibilities

n.a.

### 7.3. Specific end use(s)

Analytical reagent. Reagent for research and development.

## 8. Exposure controls/personal protection

---

### 8.1. Control parameters

No occupational exposure limits known.

### 8.2. Exposure controls

Appropriate engineering controls: Work in a fume hood.

Personal protection: Work in a fume hood with usual precautions.

Eye/face protection: Wear safety glasses.

Skin protection: Wear chemical-resistant gloves. Wear a lab coat and appropriate shoes.

Respiratory protection: Work in a fume hood

Environmental exposure controls: Do not drain into sewage system

## 9. Physical and chemical properties

---

### 9.1. Information on basic physical and chemical properties

Appearance

Odour Odourless

Odour threshold Not available

pH Not available

Melting point / freezing point Not available

Initial boiling point and boiling range Not available

Flash point Substance does not sustain combustion.

Evaporation rate Not available

Flammability (solid, gas) Non-flammable

Upper/lower flammability or explosive limits Not available

Vapour pressure Not available

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Vapour density	Not available
Relative density	Not available
Solubility(ies)	n.a.
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Explosive properties	Not available
Oxidising properties	Not available

## 9.2. Other information

Not applicable

## 10. Stability and Reactivity

---

### 10.1. Reactivity

No specific test data available for this substance.

### 10.2. Chemical stability

The product is stable under normal conditions of storage and use.

### 10.3. Possibility of hazardous reactions

No hazardous reactions will occur under normal conditions of storage and use.

### 10.4. Conditions to avoid

No specific data.

### 10.5. Incompatible materials

No specific data.

### 10.6. Hazardous decomposition products

No dangerous decomposition products should be produced under normal conditions of storage and use.

## 11. Toxicological information

---

The toxicological properties of this substance have not been thoroughly investigated.

## 12. Ecological information

---

### 12.1. Toxicity

No test data available.

### 12.2. Persistence and degradability

No test data available.

### 12.3. Bioaccumulative potential

No test data available.

### 12.4. Mobility in soil

No test data available.

**12.5. Results of PBT and vPvB assessment**

No test data available.

**12.6. Other adverse effects**

No test data available.

**12.7. Additional information**

We are not aware of any ecological hazards arising from this substance.

**13. Disposal considerations**

---

**13.1. Waste treatment methods**

Waste should not be disposed of by release to sewers. Consult local, state or national regulations for applicable requirements.

**14. Transport Information**

---

**14.1. UN number**

Not regulated.

**14.2. UN proper shipping name**

Not applicable.

**14.3. Transport hazard class(es)**

Not applicable.

**14.4. Packing group**

Not applicable.

**14.5. Environmental hazards**

No.

**14.6. Special precautions for user**

Not available.

**14.7 IATA/ICAO**

Not regulated.

**15. Regulatory information**

---

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

The substance is not listed under relevant regulations.

**15.2. Chemical Safety Assessment**

No Chemical Safety Assessment has been carried out for this substance by the supplier.

**16. Other information**

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Version 1

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## Safety Data Sheet

### 1. Identification of the substance/mixture and of the company/undertaking

---

#### 1.1. Product identifier

Product name: LumiSpin UNI, DNA Isolation Spin Kit for Any Sample manual

Catalog number(s): 5555I

Substance name: LumiSpin UNI, DNA Isolation Spin Kit for Any Sample manual

Molecular formula: n.a.

Molecular weight: n.a.

CAS number: n.a.

EC number: N/A

REACH registration number: N/A

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Analytical reagent. Reagent for research and development.

#### 1.3. Details of the supplier of the Safety Data Sheet

Supplier: **Lumiprobe Corporation**  
115 Airport Dr Suite 160  
Westminster, Maryland 21157  
USA  
Phone: +1 888 973 6353  
Fax: +1 888 973 6354  
Email: [order@lumiprobe.com](mailto:order@lumiprobe.com)

#### 1.4. Emergency telephone number

+1 888 973 6353 ext 2; +49 (0)511 16596812

### 2. Hazards identification

---

#### 2.1. Classification of the substance or mixture

The substance is not hazardous according to EU regulation (EC) No 1272/2008 or GHS regulations., and it does not contain any hazardous substance at more than 1% by weight. US Export Control Classification Number (ECCN) - EAR99 - The substance does not require a license.

#### 2.2. Label elements

Not applicable

#### 2.3. Other hazards

No other hazards identified

### 3. Composition/information on ingredients

---

#### 3.1. Substances

Product name: LumiSpin UNI, DNA Isolation Spin Kit for Any Sample manual

CAS number: n.a.

---

Weight %: >95 %

### 3.2. Mixtures

Not applicable.

## 4. First aid measures

---

### 4.1. Description of first aid measures

General notes	Wash thoroughly after use.
Inhalation	Move individual to fresh air and seek medical advice.
Skin contact	Wash affected area with water for 15 minutes and seek medical advice if irritation occurs.
Eye contact	Flush eye with water for 15 minutes and seek medical advice if irritation occurs.
Ingestion	Seek medical advice.
Self-protection of first aider	Wear protective gloves.

### 4.2. Most important symptoms and effects, both acute and delayed

We are not aware of any reported health hazards for this product.

### 4.3. Indication of any immediate medical attention and special treatment needed

No immediate medical attention or special treatment indicated.

## 5. Firefighting measure

---

### 5.1. Extinguishing media

Suitable extinguishing media Depending on the surrounding fire. The substance is not flammable.  
Unsuitable extinguishing media Not known.

### 5.2. Special hazards arising from the substance or mixture

No special fire hazards.

### 5.3. Advice for firefighters

No specific precautions arising from the substance.

## 6. Accidental release measures

---

### 6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel avoid breathing in dust. Wear gloves and safety glasses.  
For emergency responders avoid breathing in dust. Wear gloves and safety glasses.

### 6.2. Environmental precautions

Avoid release into environment and sewage water system.

### 6.3. Methods and material for containment and cleaning up

Small spill	Sweep up spilled substance promptly and dispose according to local regulations.
Large spill	Avoid dispersal. Sweep up spilled substance promptly and dispose according to local regulations.

#### **6.4. Reference to other sections**

See Section 8 for information on appropriate personal protective equipment.  
See Section 13 for additional waste treatment information.

### **7. Handling and storage**

---

#### **7.1. Precautions for safe handling**

Wear protective equipment as specified in section 8.

Do not eat, drink and smoke in work areas. Thoroughly wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

#### **7.2. Conditions for safe storage, including any incompatibilities**

n.a.

#### **7.3. Specific end use(s)**

Analytical reagent. Reagent for research and development.

### **8. Exposure controls/personal protection**

---

#### **8.1. Control parameters**

No occupational exposure limits known.

#### **8.2. Exposure controls**

Appropriate engineering controls:	Work in a fume hood.
Personal protection:	Work in a fume hood with usual precautions.
Eye/face protection:	Wear safety glasses.
Skin protection:	Wear chemical-resistant gloves. Wear a lab coat and appropriate shoes.
Respiratory protection:	Work in a fume hood
Environmental exposure controls:	Do not drain into sewage system

### **9. Physical and chemical properties**

---

#### **9.1. Information on basic physical and chemical properties**

Appearance

Odour                      Odourless

Odour threshold        Not available

pH                         Not available

Melting point / freezing point        Not available

Initial boiling point and boiling range        Not available

Flash point              Substance does not sustain combustion.

Evaporation rate        Not available

Flammability (solid, gas)        Non-flammable

---

Upper/lower flammability or explosive limits	Not available
Vapour pressure	Not available
Vapour density	Not available
Relative density	Not available
Solubility(ies)	n.a.
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Explosive properties	Not available
Oxidising properties	Not available

## 9.2. Other information

Not applicable

## 10. Stability and Reactivity

---

### 10.1. Reactivity

No specific test data available for this substance.

### 10.2. Chemical stability

The product is stable under normal conditions of storage and use.

### 10.3. Possibility of hazardous reactions

No hazardous reactions will occur under normal conditions of storage and use.

### 10.4. Conditions to avoid

No specific data.

### 10.5. Incompatible materials

No specific data.

### 10.6. Hazardous decomposition products

No dangerous decomposition products should be produced under normal conditions of storage and use.

## 11. Toxicological information

---

The toxicological properties of this substance have not been thoroughly investigated.

## 12. Ecological information

---

### 12.1. Toxicity

No test data available.

### 12.2. Persistence and degradability

No test data available.

**12.3. Bioaccumulative potential**

No test data available.

**12.4. Mobility in soil**

No test data available.

**12.5. Results of PBT and vPvB assessment**

No test data available.

**12.6. Other adverse effects**

No test data available.

**12.7. Additional information**

We are not aware of any ecological hazards arising from this substance.

---

**13. Disposal considerations**

---

**13.1. Waste treatment methods**

Waste should not be disposed of by release to sewers. Consult local, state or national regulations for applicable requirements.

---

**14. Transport Information**

---

**14.1. UN number**

Not regulated.

**14.2. UN proper shipping name**

Not applicable.

**14.3. Transport hazard class(es)**

Not applicable.

**14.4. Packing group**

Not applicable.

**14.5. Environmental hazards**

No.

**14.6. Special precautions for user**

Not available.

**14.7 IATA/ICAO**

Not regulated.

---

**15. Regulatory information**

---

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

The substance is not listed under relevant regulations.

**15.2. Chemical Safety Assessment**

No Chemical Safety Assessment has been carried out for this substance by the supplier.

---

**16. Other information**

---

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Version 1



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## Safety Data Sheet

### 1. Identification of the substance/mixture and of the company/undertaking

---

#### 1.1. Product identifier

Product name: Leaflet - LumiSpin UNI, DNA Isolation Spin Kit for Any Sample

Catalog number(s): 5555K

Substance name: Leaflet - LumiSpin UNI, DNA Isolation Spin Kit for Any Sample

Molecular formula: n.a.

Molecular weight: n.a.

CAS number: n.a.

EC number: N/A

REACH registration number: N/A

**1.2. Relevant identified uses of the substance or mixture and uses advised against**  
Analytical reagent. Reagent for research and development.

#### 1.3. Details of the supplier of the Safety Data Sheet

Supplier: **Lumiprobe Corporation**  
115 Airport Dr Suite 160  
Westminster, Maryland 21157  
USA  
Phone: +1 888 973 6353  
Fax: +1 888 973 6354  
Email: [order@lumiprobe.com](mailto:order@lumiprobe.com)

**1.4. Emergency telephone number**  
+1 888 973 6353 ext 2; +49 (0)511 16596812

### 2. Hazards identification

---

#### 2.1. Classification of the substance or mixture

The substance is not hazardous according to EU regulation (EC) No 1272/2008 or GHS regulations., and it does not contain any hazardous substance at more than 1% by weight. US Export Control Classification Number (ECCN) - EAR99 - The substance does not require a license.

#### 2.2. Label elements

Not applicable

#### 2.3. Other hazards

No other hazards identified

### 3. Composition/information on ingredients

---

#### 3.1. Substances

Product name: Leaflet - LumiSpin UNI, DNA Isolation Spin Kit for Any Sample

CAS number: n.a.

Weight %: >95 %

### **3.2. Mixtures**

Not applicable.

## **4. First aid measures**

---

### **4.1. Description of first aid measures**

General notes	Wash thoroughly after use.
Inhalation	Move individual to fresh air and seek medical advice.
Skin contact	Wash affected area with water for 15 minutes and seek medical advice if irritation occurs.
Eye contact	Flush eye with water for 15 minutes and seek medical advice if irritation occurs.
Ingestion	Seek medical advice.
Self-protection of first aider	Wear protective gloves.

### **4.2. Most important symptoms and effects, both acute and delayed**

We are not aware of any reported health hazards for this product.

### **4.3. Indication of any immediate medical attention and special treatment needed**

No immediate medical attention or special treatment indicated.

## **5. Firefighting measure**

---

### **5.1. Extinguishing media**

Suitable extinguishing media Depending on the surrounding fire. The substance is not flammable.  
Unsuitable extinguishing media Not known.

### **5.2. Special hazards arising from the substance or mixture**

No special fire hazards.

### **5.3. Advice for firefighters**

No specific precautions arising from the substance.

## **6. Accidental release measures**

---

### **6.1. Personal precautions, protective equipment and emergency procedures**

For non-emergency personnel avoid breathing in dust. Wear gloves and safety glasses.  
For emergency responders avoid breathing in dust. Wear gloves and safety glasses.

### **6.2. Environmental precautions**

Avoid release into environment and sewage water system.

### **6.3. Methods and material for containment and cleaning up**

Small spill	Sweep up spilled substance promptly and dispose according to local regulations.
Large spill	Avoid dispersal. Sweep up spilled substance promptly and dispose according to local regulations.

#### 6.4. Reference to other sections

See Section 8 for information on appropriate personal protective equipment.  
See Section 13 for additional waste treatment information.

## 7. Handling and storage

### 7.1. Precautions for safe handling

Wear protective equipment as specified in section 8.

Do not eat, drink and smoke in work areas. Thoroughly wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

### 7.2. Conditions for safe storage, including any incompatibilities

n.a.

### 7.3. Specific end use(s)

Analytical reagent. Reagent for research and development.

## 8. Exposure controls/personal protection

### 8.1. Control parameters

No occupational exposure limits known.

### 8.2. Exposure controls

Appropriate engineering controls:	Work in a fume hood.
Personal protection:	Work in a fume hood with usual precautions.
Eye/face protection:	Wear safety glasses.
Skin protection:	Wear chemical-resistant gloves. Wear a lab coat and appropriate shoes.
Respiratory protection:	Work in a fume hood
Environmental exposure controls:	Do not drain into sewage system

## 9. Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Appearance

Odour                      Odourless

Odour threshold        Not available

pH                         Not available

Melting point /  
freezing point        Not available

Initial boiling point and  
boiling range        Not available

Flash point              Substance does not sustain combustion.

Evaporation rate        Not available

Flammability (solid,  
gas)                      Non-flammable

---

Upper/lower flammability or explosive limits	Not available
Vapour pressure	Not available
Vapour density	Not available
Relative density	Not available
Solubility(ies)	n.a.
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Explosive properties	Not available
Oxidising properties	Not available

## 9.2. Other information

Not applicable

## 10. Stability and Reactivity

---

### 10.1. Reactivity

No specific test data available for this substance.

### 10.2. Chemical stability

The product is stable under normal conditions of storage and use.

### 10.3. Possibility of hazardous reactions

No hazardous reactions will occur under normal conditions of storage and use.

### 10.4. Conditions to avoid

No specific data.

### 10.5. Incompatible materials

No specific data.

### 10.6. Hazardous decomposition products

No dangerous decomposition products should be produced under normal conditions of storage and use.

## 11. Toxicological information

---

The toxicological properties of this substance have not been thoroughly investigated.

## 12. Ecological information

---

### 12.1. Toxicity

No test data available.

### 12.2. Persistence and degradability

No test data available.

**12.3. Bioaccumulative potential**

No test data available.

**12.4. Mobility in soil**

No test data available.

**12.5. Results of PBT and vPvB assessment**

No test data available.

**12.6. Other adverse effects**

No test data available.

**12.7. Additional information**

We are not aware of any ecological hazards arising from this substance.

---

**13. Disposal considerations**

---

**13.1. Waste treatment methods**

Waste should not be disposed of by release to sewers. Consult local, state or national regulations for applicable requirements.

---

**14. Transport Information**

---

**14.1. UN number**

Not regulated.

**14.2. UN proper shipping name**

Not applicable.

**14.3. Transport hazard class(es)**

Not applicable.

**14.4. Packing group**

Not applicable.

**14.5. Environmental hazards**

No.

**14.6. Special precautions for user**

Not available.

**14.7 IATA/ICAO**

Not regulated.

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**15. Regulatory information**

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**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

The substance is not listed under relevant regulations.

**15.2. Chemical Safety Assessment**

No Chemical Safety Assessment has been carried out for this substance by the supplier.

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**16. Other information**

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## Safety Data Sheet

### 1. Identification of the substance/mixture and of the company/undertaking

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#### 1.1. Product identifier

Product name: Spin column (up to 20 µg)  
Catalog number(s): 12164, 22164  
Substance name: Spin column (up to 20 µg)  
Molecular formula: n.a.  
Molecular weight: n.a.  
CAS number: n.a.  
EC number: N/A  
REACH registration number: N/A

**1.2. Relevant identified uses of the substance or mixture and uses advised against**  
Analytical reagent. Reagent for research and development.

#### 1.3. Details of the supplier of the Safety Data Sheet

Supplier: **Lumiprobe Corporation**  
115 Airport Dr Suite 160  
Westminster, Maryland 21157  
USA  
Phone: +1 888 973 6353  
Fax: +1 888 973 6354  
Email: [order@lumiprobe.com](mailto:order@lumiprobe.com)

#### 1.4. Emergency telephone number

+1 888 973 6353 ext 2; +49 (0)511 16596812

### 2. Hazards identification

---

#### 2.1. Classification of the substance or mixture

The substance is not hazardous according to EU regulation (EC) No 1272/2008 or GHS regulations., and it does not contain any hazardous substance at more than 1% by weight. US Export Control Classification Number (ECCN) - EAR99 - The substance does not require a license.

#### 2.2. Label elements

Not applicable

#### 2.3. Other hazards

No other hazards identified

### 3. Composition/information on ingredients

---

#### 3.1. Substances

Product name: Spin column (up to 20 µg)  
CAS number: n.a.  
Weight %: >95 %

#### 3.2. Mixtures

Not applicable.

---

## 4. First aid measures

---

### 4.1. Description of first aid measures

General notes	Wash thoroughly after use.
Inhalation	Move individual to fresh air and seek medical advice.
Skin contact	Wash affected area with water for 15 minutes and seek medical advice if irritation occurs.
Eye contact	Flush eye with water for 15 minutes and seek medical advice if irritation occurs.
Ingestion	Seek medical advice.
Self-protection of first aider	Wear protective gloves.

### 4.2. Most important symptoms and effects, both acute and delayed

We are not aware of any reported health hazards for this product.

### 4.3. Indication of any immediate medical attention and special treatment needed

No immediate medical attention or special treatment indicated.

---

## 5. Firefighting measure

---

### 5.1. Extinguishing media

Suitable extinguishing media Depending on the surrounding fire. The substance is not flammable.  
Unsuitable extinguishing media Not known.

### 5.2. Special hazards arising from the substance or mixture

No special fire hazards.

### 5.3. Advice for firefighters

No specific precautions arising from the substance.

---

## 6. Accidental release measures

---

### 6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel avoid breathing in dust. Wear gloves and safety glasses.  
For emergency responders avoid breathing in dust. Wear gloves and safety glasses.

### 6.2. Environmental precautions

Avoid release into environment and sewage water system.

### 6.3. Methods and material for containment and cleaning up

Small spill	Sweep up spilled substance promptly and dispose according to local regulations.
Large spill	Avoid dispersal. Sweep up spilled substance promptly and dispose according to local regulations.

### 6.4. Reference to other sections

See Section 8 for information on appropriate personal protective equipment.  
See Section 13 for additional waste treatment information.

---

## 7. Handling and storage

---

### 7.1. Precautions for safe handling

Wear protective equipment as specified in section 8.

Do not eat, drink and smoke in work areas. Thoroughly wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

### 7.2. Conditions for safe storage, including any incompatibilities

n.a.

### 7.3. Specific end use(s)

Analytical reagent. Reagent for research and development.

## 8. Exposure controls/personal protection

---

### 8.1. Control parameters

No occupational exposure limits known.

### 8.2. Exposure controls

Appropriate engineering controls: Work in a fume hood.

Personal protection: Work in a fume hood with usual precautions.

Eye/face protection: Wear safety glasses.

Skin protection: Wear chemical-resistant gloves. Wear a lab coat and appropriate shoes.

Respiratory protection: Work in a fume hood

Environmental exposure controls: Do not drain into sewage system

## 9. Physical and chemical properties

---

### 9.1. Information on basic physical and chemical properties

Appearance

Odour Odourless

Odour threshold Not available

pH Not available

Melting point / freezing point Not available

Initial boiling point and boiling range Not available

Flash point Substance does not sustain combustion.

Evaporation rate Not available

Flammability (solid, gas) Non-flammable

Upper/lower flammability or explosive limits Not available

Vapour pressure Not available



Vapour density	Not available
Relative density	Not available
Solubility(ies)	n.a.
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Explosive properties	Not available
Oxidising properties	Not available

## **9.2. Other information**

Not applicable

## **10. Stability and Reactivity**

---

### **10.1. Reactivity**

No specific test data available for this substance.

### **10.2. Chemical stability**

The product is stable under normal conditions of storage and use.

### **10.3. Possibility of hazardous reactions**

No hazardous reactions will occur under normal conditions of storage and use.

### **10.4. Conditions to avoid**

No specific data.

### **10.5. Incompatible materials**

No specific data.

### **10.6. Hazardous decomposition products**

No dangerous decomposition products should be produced under normal conditions of storage and use.

## **11. Toxicological information**

---

The toxicological properties of this substance have not been thoroughly investigated.

## **12. Ecological information**

---

### **12.1. Toxicity**

No test data available.

### **12.2. Persistence and degradability**

No test data available.

### **12.3. Bioaccumulative potential**

No test data available.

### **12.4. Mobility in soil**

No test data available.

**12.5. Results of PBT and vPvB assessment**

No test data available.

**12.6. Other adverse effects**

No test data available.

**12.7. Additional information**

We are not aware of any ecological hazards arising from this substance.

**13. Disposal considerations**

---

**13.1. Waste treatment methods**

Waste should not be disposed of by release to sewers. Consult local, state or national regulations for applicable requirements.

**14. Transport Information**

---

**14.1. UN number**

Not regulated.

**14.2. UN proper shipping name**

Not applicable.

**14.3. Transport hazard class(es)**

Not applicable.

**14.4. Packing group**

Not applicable.

**14.5. Environmental hazards**

No.

**14.6. Special precautions for user**

Not available.

**14.7 IATA/ICAO**

Not regulated.

**15. Regulatory information**

---

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

The substance is not listed under relevant regulations.

**15.2. Chemical Safety Assessment**

No Chemical Safety Assessment has been carried out for this substance by the supplier.

**16. Other information**

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## Safety Data Sheet

### 1. Identification of the substance/mixture and of the company/undertaking

---

#### 1.1. Product identifier

Product name: Pestle for Microcentrifuge Tube (Polypropylene)  
Catalog number(s): 14115, 24115  
Substance name: Pestle for Microcentrifuge Tube (Polypropylene)  
Molecular formula: n.a.  
Molecular weight: n.a.  
CAS number: n.a.  
EC number: N/A  
REACH registration number: N/A

**1.2. Relevant identified uses of the substance or mixture and uses advised against**  
Analytical reagent. Reagent for research and development.

#### 1.3. Details of the supplier of the Safety Data Sheet

Supplier: **Lumiprobe Corporation**  
115 Airport Dr Suite 160  
Westminster, Maryland 21157  
USA  
Phone: +1 888 973 6353  
Fax: +1 888 973 6354  
Email: [order@lumiprobe.com](mailto:order@lumiprobe.com)

#### 1.4. Emergency telephone number

+1 888 973 6353 ext 2; +49 (0)511 16596812

### 2. Hazards identification

---

#### 2.1. Classification of the substance or mixture

The substance is not hazardous according to EU regulation (EC) No 1272/2008 or GHS regulations., and it does not contain any hazardous substance at more than 1% by weight. US Export Control Classification Number (ECCN) - EAR99 - The substance does not require a license.

#### 2.2. Label elements

Not applicable

#### 2.3. Other hazards

No other hazards identified

### 3. Composition/information on ingredients

---

#### 3.1. Substances

Product name: Pestle for Microcentrifuge Tube (Polypropylene)  
CAS number: n.a.  
Weight %: >95 %

#### 3.2. Mixtures

Not applicable.

---

## 4. First aid measures

---

### 4.1. Description of first aid measures

General notes	Wash thoroughly after use.
Inhalation	Move individual to fresh air and seek medical advice.
Skin contact	Wash affected area with water for 15 minutes and seek medical advice if irritation occurs.
Eye contact	Flush eye with water for 15 minutes and seek medical advice if irritation occurs.
Ingestion	Seek medical advice.
Self-protection of first aider	Wear protective gloves.

### 4.2. Most important symptoms and effects, both acute and delayed

We are not aware of any reported health hazards for this product.

### 4.3. Indication of any immediate medical attention and special treatment needed

No immediate medical attention or special treatment indicated.

---

## 5. Firefighting measure

---

### 5.1. Extinguishing media

Suitable extinguishing media Depending on the surrounding fire. The substance is not flammable.  
Unsuitable extinguishing media Not known.

### 5.2. Special hazards arising from the substance or mixture

No special fire hazards.

### 5.3. Advice for firefighters

No specific precautions arising from the substance.

---

## 6. Accidental release measures

---

### 6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel avoid breathing in dust. Wear gloves and safety glasses.  
For emergency responders avoid breathing in dust. Wear gloves and safety glasses.

### 6.2. Environmental precautions

Avoid release into environment and sewage water system.

### 6.3. Methods and material for containment and cleaning up

Small spill	Sweep up spilled substance promptly and dispose according to local regulations.
Large spill	Avoid dispersal. Sweep up spilled substance promptly and dispose according to local regulations.

### 6.4. Reference to other sections

See Section 8 for information on appropriate personal protective equipment.  
See Section 13 for additional waste treatment information.

---

## 7. Handling and storage

---

### 7.1. Precautions for safe handling

Wear protective equipment as specified in section 8.

Do not eat, drink and smoke in work areas. Thoroughly wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

### 7.2. Conditions for safe storage, including any incompatibilities

n.a.

### 7.3. Specific end use(s)

Analytical reagent. Reagent for research and development.

## 8. Exposure controls/personal protection

---

### 8.1. Control parameters

No occupational exposure limits known.

### 8.2. Exposure controls

Appropriate engineering controls: Work in a fume hood.

Personal protection: Work in a fume hood with usual precautions.

Eye/face protection: Wear safety glasses.

Skin protection: Wear chemical-resistant gloves. Wear a lab coat and appropriate shoes.

Respiratory protection: Work in a fume hood

Environmental exposure controls: Do not drain into sewage system

## 9. Physical and chemical properties

---

### 9.1. Information on basic physical and chemical properties

Appearance

Odour Odourless

Odour threshold Not available

pH Not available

Melting point / freezing point Not available

Initial boiling point and boiling range Not available

Flash point Substance does not sustain combustion.

Evaporation rate Not available

Flammability (solid, gas) Non-flammable

Upper/lower flammability or explosive limits Not available

Vapour pressure Not available

Vapour density	Not available
Relative density	Not available
Solubility(ies)	n.a.
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Explosive properties	Not available
Oxidising properties	Not available

## **9.2. Other information**

Not applicable

## **10. Stability and Reactivity**

---

### **10.1. Reactivity**

No specific test data available for this substance.

### **10.2. Chemical stability**

The product is stable under normal conditions of storage and use.

### **10.3. Possibility of hazardous reactions**

No hazardous reactions will occur under normal conditions of storage and use.

### **10.4. Conditions to avoid**

No specific data.

### **10.5. Incompatible materials**

No specific data.

### **10.6. Hazardous decomposition products**

No dangerous decomposition products should be produced under normal conditions of storage and use.

## **11. Toxicological information**

---

The toxicological properties of this substance have not been thoroughly investigated.

## **12. Ecological information**

---

### **12.1. Toxicity**

No test data available.

### **12.2. Persistence and degradability**

No test data available.

### **12.3. Bioaccumulative potential**

No test data available.

### **12.4. Mobility in soil**

No test data available.

**12.5. Results of PBT and vPvB assessment**

No test data available.

**12.6. Other adverse effects**

No test data available.

**12.7. Additional information**

We are not aware of any ecological hazards arising from this substance.

**13. Disposal considerations**

---

**13.1. Waste treatment methods**

Waste should not be disposed of by release to sewers. Consult local, state or national regulations for applicable requirements.

**14. Transport Information**

---

**14.1. UN number**

Not regulated.

**14.2. UN proper shipping name**

Not applicable.

**14.3. Transport hazard class(es)**

Not applicable.

**14.4. Packing group**

Not applicable.

**14.5. Environmental hazards**

No.

**14.6. Special precautions for user**

Not available.

**14.7 IATA/ICAO**

Not regulated.

**15. Regulatory information**

---

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

The substance is not listed under relevant regulations.

**15.2. Chemical Safety Assessment**

No Chemical Safety Assessment has been carried out for this substance by the supplier.

**16. Other information**

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