



# SAFETY DATA SHEET

Date Revised: Jan. 5, 2023

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

**Product Name:** UE Multisource Genomic DNA Minprep Kit (RNase A)

**Catalog Number:** UE-MN-MS-GDNA-10, UE-MN-MS-GDNA-50, UE-MN-MS-GDNA-250

**Manufacturer/Supplier:**

UElandy (Suzhou) Co., Ltd.

Room 302-1, Building 1, No.18 Chunyao Road, Caohu Industrial Park, Xiangcheng District, Suzhou, P.R. China

Phone: 86-512-69571710, mailbox:service@uelandy.com

Web: <http://www.uelandy.com>

## SECTION 2: Hazards identification

**GHS - Classification**

**Signal Word**

None

**Hazard pictograms**

None

**Health hazards**

Not Hazardous

**Physical hazards**

Not Hazardous

**Environmental hazards**

Not Hazardous

**Hazard Statements**

Not Applicable

**Precautionary Statements**

**Prevention**

Not Applicable

**Response**

Not Applicable

**Storage**

Not Applicable

**Disposal**

Not Applicable

**Other hazards**

Not Applicable

**HMIS**

Health	0
Flammability	0
Reactivity	0



### **SECTION 3: Composition/information on ingredients**

The product contains no substances which at their given concentration, are considered to be hazardous to health. We recommend handling all chemicals with caution.

### **SECTION 4: First aid measures**

#### **Description of first aid measures**

<b>Skin contact</b>	Rinse with plenty of water. Immediate medical attention is not required.
<b>Eye contact</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
<b>Ingestion</b>	Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice.
<b>Inhalation</b>	Not expected to be an inhalation hazard under anticipated conditions of normal use of this material. Consult a physician if necessary.
<b>Notes to Physician</b>	Treat symptomatically.

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

Not Applicable

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

None.

### **SECTION 5: Firefighting measures**

#### **Extinguishing media**

**Suitable extinguishing media** Water spray. Carbon dioxide (CO<sub>2</sub>). Foam. Dry chemical.

**Unsuitable extinguishing media** No information available.

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

Not known.

#### **Advice for fire-fighters**

Standard procedure for chemical fires.

### **SECTION 6: Accidental release measures**

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

Ensure adequate ventilation

Always wear recommended Personal Protective Equipment Use personal protection equipment

See Section 8 for more detail

#### **Environmental precautions**

No special environmental precautions required

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

Soak up with inert absorbent material.

#### **Reference to other sections**

See section 8 for more information.

### **SECTION 7: Handling and storage**

#### **Precautions for safe handling**

Use personal protective equipment as required. No special handling advices are necessary.

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



Keep in a dry, cool and well-ventilated place. Keep in properly labeled containers.

**Specific end use(s)**

For research use only.

## **SECTION 8: Exposure controls/personal protection**

**Control parameters**

**Exposure Limits** Contains no substances with occupational exposure limit values

**Engineering measures** Ensure adequate ventilation, especially in confined areas.

**Exposure controls**

**Personal Protective Equipment**

**Respiratory protection** In case of insufficient ventilation wear respirators and components tested and approved under appropriate government standards.

**Hand protection** Wear suitable gloves. Glove material: Compatible chemical-resistant gloves.

**Eye protection** Tight sealing safety goggles.

**Skin and Body Protection** Wear suitable protective clothing.

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice

**Environmental exposure controls**

No special environmental precautions required.

## **SECTION 9: Physical and chemical properties**

**Information on basic physical and chemical properties**

<b>Appearance</b>	liquid	
<b>Odor</b>	No data available	
<b>Melting point / melting range</b>	°C Mixture has not been tested	°F Mixture has not been tested
<b>Boiling point / boiling range</b>	°C Mixture has not been tested	°F Mixture has not been tested
<b>Flash point</b>	°C Mixture has not been tested	°F Mixture has not been tested
<b>Autoignition Temperature</b>	°C Mixture has not been tested	°F Mixture has not been tested
<b>Decomposition temperature</b>	°C Mixture has not been tested	°F Mixture has not been tested
<b>Evaporation rate</b>	No data available	
<b>Flammability (solid, gas)</b>	No data available	
<b>Upper explosion limit</b>	Mixture has not been tested	
<b>Lower explosion limit</b>	Mixture has not been tested	
<b>Vapor Pressure</b>	Mixture has not been tested	
<b>Relative density</b>	Mixture has not been tested	
<b>Specific gravity</b>	No data available	
<b>Solubility</b>	No data available	
<b>Partition coefficient: n-octanol/water</b>	No data available	
<b>Explosive properties</b>	Mixture has not been tested	
<b>Other information</b>		
No data available.		

## SECTION 10: Stability and reactivity

Reactivity	None known.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	Hazardous reaction has been reported
Conditions to avoid	No information available.
Incompatible materials	No dangerous reaction known under conditions of normal use.
Hazardous decomposition products	No data available.

## SECTION 11: Toxicological information

### Information on toxicological effects

There is no evidence available indicating acute toxicity.

### Principal Routes of Exposure

Irritation	Conclusive but not sufficient for classification
Corrosivity	Conclusive but not sufficient for classification
Sensitization	Conclusive but not sufficient for classification
STOT – Single Exposure	Conclusive but not sufficient for classification
STOT – Repeated Exposure	Conclusive but not sufficient for classification
Carcinogenicity	Conclusive but not sufficient for classification
Mutagenicity	Conclusive but not sufficient for classification
Reproductive toxicity	Conclusive but not sufficient for classification
Aspiration hazard	Conclusive but not sufficient for classification

## SECTION 12: Ecological information

### Toxicity

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

**Persistence and degradability** No information available.

**Bioaccumulative potential** No information available.

### Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

**Other adverse effects** No information available.

## SECTION 13: Disposal considerations

### Waste treatment methods

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in accordance with approved disposal technique. Disposal of this product, its solutions or of any by-products, shall comply with the requirements of all applicable local, regional or national/federal regulations

## SECTION 14: Transport information

### IATA / ADR / DOT-US / IMDG

Not regulated in the meaning of transport regulations.

**UN number** Not Applicable

**UN proper shipping name** Not Applicable



<b>Transport hazard class(es)</b>	Not Applicable
<b>Packing group</b>	Not Applicable
<b>Environmental hazards</b>	
Not Applicable	
<b>Special precautions for user</b>	
Not Applicable	
<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	
Not Applicable.	

## **SECTION 15: Regulatory information**

### **US Federal Regulations**

#### **SARA 313**

This product is not regulated by SARA.

#### **Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product does not contains HAPs.

### **US State Regulations**

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

### **WHMIS Hazard Class**

Non-controlled

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

### **National Regulations - Brazil**

Not regulated

## **SECTION 16: Other information**

Reason for revision    SDS sections updated

Version no.    1

For research use only. Not for use in diagnostic procedures.

The information provided above is believed to be correct to our best knowledge, but does not purport to be all inclusive, and shall be used only as a guide. This material is sold for research purposes only and is not required to appear on the TSCA inventory. It is not intended for food, drug, household, agricultural or cosmetic use. Its use must be supervised by a technically qualified individual experienced in handling potentially hazardous chemicals. UElandy (Suzhou) shall not be held liable for any damage resulting from handling or contact with the above product.

# SAFETY DATA SHEET

Date Revised: Jan. 5, 2023

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

**Product Name:** UE Multisource Genomic DNA Minprep Kit (Buffer C-L)

**Catalog Number:** UE-MN-MS-GDNA-10, UE-MN-MS-GDNA-50, UE-MN-MS-GDNA-250

**Manufacturer/Supplier:**

UElandy (Suzhou) Co., Ltd.

Room 302-1, Building 1, No.18 Chunyao Road, Caohu Industrial Park, Xiangcheng District, Suzhou, P.R. China

Phone: 86-512-69571710, mailbox:service@uelandy.com

Web: <http://www.uelandy.com>

## SECTION 2: Hazards identification

**GHS - Classification**

**Signal Word**

WARNING

**Hazard pictograms**



**Health hazards**

Acute oral toxicity	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A

**Physical hazards**

Not classified

**Environmental hazards**

Not classified

**Hazard Statements**

H302 - Harmful if swallowed

H315 - Causes skin irritation

H319 - Causes serious eye irritation

**Precautionary Statements**

**Prevention**

P264 - Wash hands thoroughly after handling

P270 - Do not eat, drink or smoke when using this product

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

**Response**

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician



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

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

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

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

#### **Storage**

Not Applicable

#### **Disposal**

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

#### **Other hazards**

Contains a known or suspected endocrine disruptor

#### **HMIS**

Health	2
Flammability	0
Reactivity	0

### **SECTION 3: Composition/information on ingredients**

The product contains no substances which at their given concentration, are considered to be hazardous to health. We recommend handling all chemicals with caution.

### **SECTION 4: First aid measures**

#### **Description of first aid measures**

**Skin contact** Rinse with plenty of water. Immediate medical attention is not required.

**Eye contact** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Ingestion** Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice.

**Inhalation** Not expected to be an inhalation hazard under anticipated conditions of normal use of this material. Consult a physician if necessary.

**Notes to Physician** Treat symptomatically.

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

H302 - Harmful if swallowed H315 - Causes skin irritation H319 - Causes serious eye irritation

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

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower. If skin irritation occurs: Get medical advice/ attention. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

### **SECTION 5: Firefighting measures**

#### **Extinguishing media**

##### **Suitable extinguishing media**

Water spray. Carbon dioxide (CO<sub>2</sub>). Foam. Dry chemical.

##### **Unsuitable extinguishing media**

No information available.

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

Not known.

##### **Advice for fire-fighters**

Standard procedure for chemical fires.

## SECTION 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

Always wear recommended Personal Protective Equipment

Use personal protection equipment

See Section 8 for more detail

### Environmental precautions

Prevent product from entering drains. Do not allow material to contaminate ground water system.

### Methods and material for containment and cleaning up

Soak up with inert absorbent material.

### Reference to other sections

See section 8 for more information.

## SECTION 7: Handling and storage

### Precautions for safe handling

Use personal protective equipment as required. No special handling advices are necessary.

### Conditions for safe storage, including any incompatibilities

Keep in a dry, cool and well-ventilated place. Keep in properly labeled containers.

### Specific end use(s)

For research use only.

## SECTION 8: Exposure controls/personal protection

### Control parameters

Chemical Name	OSHA PEL	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Guanidine hydrochloride	None	None	None	None
Triton X-100	None	None	None	None

Chemical Name	Brazil - OEL - TWAs (LTs)	Brazil - OEL - Ceilings	Brazil - OEL - Skin Designations
Guanidine hydrochloride	None	None	None
Triton X-100	None	None	None

### Engineering measures

Ensure adequate ventilation, especially in confined areas.

### Exposure controls

### Personal Protective Equipment

#### Respiratory protection

In case of insufficient ventilation wear respirators and components tested and approved under appropriate government standards.

#### Hand protection

Wear suitable gloves. Glove material: Compatible chemical-resistant gloves.

#### Eye protection

Tight sealing safety goggles.

#### Skin and Body Protection

Wear suitable protective clothing.

#### Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice

### Environmental exposure controls

Prevent product from entering drains. Do not allow material to contaminate ground water system.



## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

Appearance	liquid	
Odor	No data available	
Melting point / melting range	°C Mixture has not been tested	°F Mixture has not been tested
Boiling point / boiling range	°C Mixture has not been tested	°F Mixture has not been tested
Flash point	°C Mixture has not been tested	°F Mixture has not been tested
Autoignition Temperature	°C Mixture has not been tested	°F Mixture has not been tested
Decomposition temperature	°C Mixture has not been tested	°F Mixture has not been tested
Evaporation rate	No data available	
Flammability (solid, gas)	No data available	
Upper explosion limit	Mixture has not been tested	
Lower explosion limit	Mixture has not been tested	
Vapor Pressure	Mixture has not been tested	
Relative density	Mixture has not been tested	
Specific gravity	No data available	
Solubility	No data available	
Partition coefficient: n-octanol/water	No data available	
Viscosity	No data available	
Explosive properties	Mixture has not been tested	
Oxidizing properties	No data available	
Other information	No data available.	

## SECTION 10: Stability and reactivity

Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	Hazardous reaction has been reported
Conditions to avoid	No information available.
Incompatible materials	No dangerous reaction known under conditions of normal use.
Hazardous decomposition products	No data available.

## SECTION 11: Toxicological information

### Information on toxicological effects

Chemical Name	LD50 (oral, rat/mouse)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat/mouse)
Guanidine hydrochloride	475 mg/kg	> 2000 mg/kg (Rabbit)	No data available
Triton X-100	= 1800 mg/kg (Rat) = 4190 mg/kg (Rat) = 1700 mg/kg (Rat)	No data available	No data available

### Principal Routes of Exposure

Skin corrosion/irritation	Skin irritation
Serious eye damage/irritation	Irritating to eyes
Respiratory or skin sensitization	Conclusive but not sufficient for classification

<b>STOT – Single Exposure</b>	Conclusive but not sufficient for classification
<b>STOT – Repeated Exposure</b>	Conclusive but not sufficient for classification
<b>Carcinogenicity</b>	Conclusive but not sufficient for classification
<b>Germ cell mutagenicity</b>	Conclusive but not sufficient for classification
<b>Reproductive toxicity</b>	Conclusive but not sufficient for classification
<b>Aspiration hazard</b>	Conclusive but not sufficient for classification

## SECTION 12: Ecological information

### Toxicity

Hazardous to the Aquatic Environment.

Chemical Name	Freshwater Algae Data	Water Flea Data	Freshwater Fish Species Data	Microtox Data	log Pow
<b>Guanidine hydrochloride</b>	No data available	No data available	No data available	No data available	logPow<=-1.7
<b>Triton X-100</b>	No data available	No data available	No data available	No data available	No data available

<b>Persistence and degradability</b>	No information available.
<b>Bioaccumulative potential</b>	No information available.
<b>Results of PBT and vPvB assessment</b>	No information available.
<b>Other adverse effects</b>	Contains a known or suspected endocrine disruptor.

## SECTION 13: Disposal considerations

### Waste treatment methods

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in accordance with approved disposal technique. Disposal of this product, its solutions or of any by-products, shall comply with the requirements of all applicable local, regional or national/federal regulations. Do not empty into drains. Do not dispose of waste into sewer.

## SECTION 14: Transport information

### IATA / ADR / DOT-US / IMDG

Not regulated in the meaning of transport regulations.

<b>UN number</b>	Not Applicable
<b>UN proper shipping name</b>	Not Applicable
<b>Transport hazard class(es)</b>	Not Applicable
<b>Packing group</b>	Not Applicable

### Environmental hazards

Not Applicable

### Special precautions for user

Not Applicable

### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not Applicable.

## SECTION 15: Regulatory information

Component	US TSCA
Guanidine hydrochloride 50-01-1 ( 20-50 )	Listed
Triton X-100 9002-93-1 ( <0.9 )	Listed

#### US Federal Regulations

##### SARA 313

This product is not regulated by SARA.

##### Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contains HAPs.

#### US State Regulations

##### California Proposition 65

This product does not contain any Proposition 65 chemicals.

#### WHMIS Hazard Class

D2B - Toxic materials



This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

#### National Regulations - Brazil

<u>Chemical Name</u>	<u>CAS No.</u>	Brazil - National Agency for Sanitary Surveillance (ANVISA)	Brazil - National List of Carcinogen Agents to Humans (LINACH)
Guanidine hydrochloride	50-01-1	Not Listed	Not Listed
Triton X-100	9002-93-1	Not Listed	Not Listed

## SECTION 16: Other information

Reason for revision SDS sections updated

Version no. 1

For research use only. Not for use in diagnostic procedures.

The information provided above is believed to be correct to our best knowledge, but does not purport to be all inclusive, and shall be used only as a guide. This material is sold for research purposes only and is not required to appear on the TSCA inventory. It is not intended for food, drug, household, agricultural or cosmetic use. Its use must be supervised by a technically qualified individual experienced in handling potentially hazardous chemicals. UElandy (Suzhou) shall not be held liable for any damage resulting from handling or contact with the above product.

# SAFETY DATA SHEET

Date Revised: Jan. 5, 2023

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

**Product Name:** UE Multisource Genomic DNA Minprep Kit (Proteinase K)

**Catalog Number:** UE-MN-MS-GDNA-10, UE-MN-MS-GDNA-50, UE-MN-MS-GDNA-250

**Manufacturer/Supplier:**

UElandy (Suzhou) Co., Ltd.

Room 302-1, Building 1, No.18 Chunyao Road, Caohu Industrial Park, Xiangcheng District, Suzhou, P.R. China

Phone: 86-512-69571710, mailbox:service@uelandy.com

Web: <http://www.uelandy.com>

## SECTION 2: Hazards identification

**GHS - Classification**

**Signal Word**

DANGER

**Hazard pictograms**



**Health hazards**

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Respiratory sensitization	Category 1
Specific target organ toxicity (STOT) – single exposure	Category 3

**Physical hazards**

Not classified

**Environmental hazards**

Not classified

**Hazard Statements**

H315 - Causes skin irritation

H319 - Causes serious eye irritation

H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled

H335 - May cause respiratory irritation

**Precautionary Statements**

**Prevention**

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray

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

P284 - In case of inadequate ventilation wear respiratory protection

P264 - Wash hands thoroughly after handling

P271 - Use only outdoors or in a well-ventilated area

#### Response

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

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

DO NOT USE: P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

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

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

#### Storage

P403 + P233 - Store in a well-ventilated place. Keep container tightly closed

#### Disposal

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

#### Other hazards

Not Applicable

#### HMIS

Health	4
Flammability	0
Reactivity	0

### SECTION 3: Composition/information on ingredients

Component	CAS No.	Common name	EINECS-No	Weight-%
Proteinase K 39450-01-6 ( 80-100 )	39450-01-6	-	254-457-8	80-100

We recommend handling all chemicals with caution.

### SECTION 4: First aid measures

#### Description of first aid measures

**Skin contact** Rinse with plenty of water. Immediate medical attention is not required.

**Eye contact** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Ingestion** Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice.

**Inhalation** Not expected to be an inhalation hazard under anticipated conditions of normal use of this material. Consult a physician if necessary.

**Notes to Physician** Treat symptomatically.

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

H315 - Causes skin irritation H319 - Causes serious eye irritation H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled H335 - May cause respiratory irritation

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

None.

### SECTION 5: Firefighting measures

#### Extinguishing media



**Suitable extinguishing media**

Water spray. Carbon dioxide (CO<sub>2</sub>). Foam. Dry chemical.

**Unsuitable extinguishing media**

No information available.

**Special hazards arising from the substance or mixture**

Not known.

**Advice for fire-fighters**

Standard procedure for chemical fires.

## SECTION 6: Accidental release measures

**Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation

Always wear recommended Personal Protective Equipment

Use personal protection equipment

See Section 8 for more detail

**Environmental precautions**

No special environmental precautions required.

**Methods and material for containment and cleaning up**

Soak up with inert absorbent material.

**Reference to other sections**

See section 8 for more information.

## SECTION 7: Handling and storage

**Precautions for safe handling**

Use personal protective equipment as required. No special handling advices are necessary.

**Conditions for safe storage, including any incompatibilities**

Keep in a dry, cool and well-ventilated place. Keep in properly labeled containers.

**Specific end use(s)**

For research use only. Not for use in diagnostic procedures.

## SECTION 8: Exposure controls/personal protection

**Control parameters**

Chemical Name	OSHA PEL	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Proteinase K	None	None	None	None

Chemical Name	Brazil - OEL - TWAs (LTs)	Brazil - OEL - Ceilings	Brazil - OEL - Skin Designations
Proteinase K	None	None	None

**Engineering measures**

Ensure adequate ventilation, especially in confined areas.

**Exposure controls**

**Personal Protective Equipment**

**Respiratory protection**

In case of insufficient ventilation wear respirators and components tested and approved under appropriate government standards.

**Hand protection**

Wear suitable gloves. Glove material: Compatible chemical-resistant gloves.

**Eye protection**

Tight sealing safety goggles.

**Skin and Body Protection**

Wear suitable protective clothing.

#### Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice

#### Environmental exposure controls

No special environmental precautions required.

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

Appearance	Solid	
Odor	odorless	
Melting point / melting range	°C Mixture has not been tested	°F Mixture has not been tested
Boiling point / boiling range	°C Mixture has not been tested	°F Mixture has not been tested
Flash point	°C Mixture has not been tested	°F Mixture has not been tested
Autoignition Temperature	°C Mixture has not been tested	°F Mixture has not been tested
Decomposition temperature	°C Mixture has not been tested	°F Mixture has not been tested
Evaporation rate	No data available	
Flammability (solid, gas)	No data available	
Upper explosion limit	Mixture has not been tested	
Lower explosion limit	Mixture has not been tested	
Vapor Pressure	Mixture has not been tested	
Relative density	Mixture has not been tested	
Specific gravity	No data available	
Solubility	No data available	
Partition coefficient: n-octanol/water	No data available	
Viscosity	No data available	
Explosive properties	Mixture has not been tested	
Oxidizing properties	No data available	
Other information	No data available.	

## SECTION 10: Stability and reactivity

Reactivity	None known.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	Hazardous reaction has been reported
Conditions to avoid	None under normal processing.
Incompatible materials	No dangerous reaction known under conditions of normal use.
Hazardous decomposition products	None under normal processing.

## SECTION 11: Toxicological information

### Information on toxicological effects

Chemical Name	LD50 (oral,rat/mouse)	LD50 (dermal,rat/rabbit)	LC50 (inhalation,rat/mouse)
Proteinase K	No data available	No data available	No data available

### Principal Routes of Exposure

<b>Skin corrosion/irritation</b>	Conclusive but not sufficient for classification
<b>Serious eye damage/irritation</b>	Conclusive but not sufficient for classification
<b>Respiratory or skin sensitization</b>	Conclusive but not sufficient for classification
<b>STOT – Single Exposure</b>	Conclusive but not sufficient for classification
<b>STOT – Repeated Exposure</b>	Conclusive but not sufficient for classification
<b>Carcinogenicity</b>	Conclusive but not sufficient for classification
<b>Germ cell mutagenicity</b>	Conclusive but not sufficient for classification
<b>Reproductive toxicity</b>	Conclusive but not sufficient for classification
<b>Aspiration hazard</b>	Conclusive but not sufficient for classification

## SECTION 12: Ecological information

### Toxicity

The environmental impact of this product has not been fully investigated.

<b>Chemical Name</b>	<b>water Algae Data</b>	<b>Water Flea Data</b>	<b>Freshwater Fish Species Data</b>	<b>Microtox Data</b>	<b>log Pow</b>
<b>Proteinase K</b>	No data available	No data available	No data available	No data available	No data available

**Persistence and degradability** No information available.

**Bioaccumulative potential** No information available.

### Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

**Other adverse effects** No information available.

## SECTION 13: Disposal considerations

### Waste treatment methods

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in accordance with approved disposal technique. Disposal of this product, its solutions or of any by-products, shall comply with the requirements of all applicable local, regional or national/federal regulations.

## SECTION 14: Transport information

### IATA / ADR / DOT-US / IMDG

Not classified as dangerous in the meaning of transport regulations

**UN number** Not Applicable

**UN proper shipping name** Not Applicable

**Transport hazard class(es)** Not Applicable

**Packing group** Not Applicable

### Environmental hazards

Not Applicable

### Special precautions for user

Not Applicable

### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not Applicable.



## SECTION 15: Regulatory information

Component	US TSCA
Proteinase K 39450-01-6 ( 80-100 )	-

### US Federal Regulations

#### SARA 313

This product is not regulated by SARA.

#### Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contains HAPs.

### US State Regulations

#### California Proposition 65

This product does not contain any Proposition 65 chemicals.

### WHMIS Hazard Class

D2B - Toxic materials



This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

### National Regulations - Brazil

<u>Chemical Name</u>	<u>CAS No.</u>	Brazil - National Agency for Sanitary Surveillance (ANVISA)	Brazil - National List of Carcinogen Agents to Humans (LINACH)
Proteinase K	39450-01-6	Not Listed	Not Listed

## SECTION 16: Other information

Reason for revision SDS sections updated

Version no. 1

For research use only. Not for use in diagnostic procedures.

The information provided above is believed to be correct to our best knowledge, but does not purport to be all inclusive, and shall be used only as a guide. This material is sold for research purposes only and is not required to appear on the TSCA inventory. It is not intended for food, drug, household, agricultural or cosmetic use. Its use must be supervised by a technically qualified individual experienced in handling potentially hazardous chemicals. UElandy (Suzhou) shall not be held liable for any damage resulting from handling or contact with the above product.



# SAFETY DATA SHEET

Date Revised: Jan. 5, 2023

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

**Product Name:** UE Multisource Genomic DNA Minprep Kit (PK Buffer)

**Catalog Number:** UE-MN-MS-GDNA-10, UE-MN-MS-GDNA-50, UE-MN-MS-GDNA-250

**Manufacturer/Supplier:**

UElandy (Suzhou) Co., Ltd.

Room 302-1, Building 1, No.18 Chunyao Road, Caohu Industrial Park, Xiangcheng District, Suzhou, P.R. China

Phone: 86-512-69571710, mailbox:service@uelandy.com

Web: <http://www.uelandy.com>

## SECTION 2: Hazards identification

**GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)**

Not a hazardous substance or mixture.

**GHS label elements**

Not a hazardous substance or mixture.

**Other hazards**

None known.

## SECTION 3: Composition/information on ingredients

Substance / Mixture : Mixture

**Components**

No hazardous ingredients

## SECTION 4: First aid measures

**General advice** Show this material safety data sheet to the doctor in attendance

**If inhaled** Move to fresh air.

If symptoms persist, call a physician.

**In case of skin contact** Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

If symptoms persist, call a physician.

**In case of eye contact** Remove contact lenses.

Protect unharmed eye.

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**If swallowed** If accidentally swallowed obtain immediate medical attention. Rinse mouth with water.

Never give anything by mouth to an unconscious person.

**Most important symptoms and effects, both acute and delayed**

No information available.

**Notes to physician**

No information available.

## SECTION 5: Firefighting measures

**Suitable extinguishing media**

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

**Specific hazards during fire fighting**

Exposure to decomposition products may be a hazard to health.

**Hazardous combustion products**

No hazardous combustion products are known

**Further information**

In the event of fire and/or explosion do not breathe fumes.

**Special protective equipment for fire-fighters**

Wear self-contained breathing apparatus for firefighting if necessary.

## SECTION 6: Accidental release measures

**Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment.

Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.

**Methods and material for containment and cleaning up**

Keep in suitable, closed containers for disposal.

## SECTION 7: Handling and storage

**Advice on protection against fire and explosion**

Normal measures for preventive fire protection.

**Advice on safe handling**

For personal protection see section 8.

Smoking, eating and drinking should be prohibited in the application area.

**Further information on storage stability**

No decomposition if stored and applied as directed.

## SECTION 8: Exposure controls/personal protection

**Ingredients with workplace control parameters**

Contains no substances with occupational exposure limit values

**Personal Protective Equipment**

Hand protection

**Remarks**

The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other. Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).

**Eye protection**

Safety glasses

**Skin and Body Protection**

Choose body protection according to the amount and concentration of the dangerous substance at the work place. Footwear protecting against chemicals

**Hygiene Measures**

Keep away from food and drink.

When using do not eat, drink or smoke.

## SECTION 9: Physical and chemical properties



<b>Appearance</b>	liquid	
<b>Color</b>	Colorless	
<b>Odor</b>	characteristic	
<b>Odor Threshold</b>	No data	
<b>pH</b>	6-8	
<b>Melting point / melting range</b>	°C No data	°F No data
<b>Boiling point / boiling range</b>	°C No data	°F No data
<b>Flash point</b>	Not Applicable	
<b>Evaporation rate</b>	No data available	
<b>Burning rate</b>	No data available	
<b>Upper explosion limit</b>	No data	
<b>Lower explosion limit</b>	No data	
<b>Vapor Pressure</b>	No data	
<b>Relative vapor density</b>	No data	
<b>Relative density</b>	No data available	
<b>Density</b>	No data available	
<b>Solubility(ies)</b>		
<b>Water solubility</b>	soluble	
<b>Solubility in other solvents</b>	No data available	
<b>n-octanol/water</b>	No data available	
<b>Autoignition temperature</b>	does not ignite	
<b>Decomposition temperature</b>	No data	
<b>Viscosity</b>		
<b>Viscosity, dynamic</b>	No data	
<b>Viscosity, kinematic</b>	No data	
<b>Explosive properties</b>	No data	
<b>Oxidizing properties</b>	No data	

## SECTION 10: Stability and reactivity

<b>Reactivity</b>	No decomposition if stored and applied as directed.
<b>Chemical stability</b>	No decomposition if stored and applied as directed.
<b>Possibility of hazardous reactions</b>	Stable under recommended storage conditions. Hazardous decomposition products formed under fire conditions.
<b>Conditions to avoid</b>	No data available.
<b>Incompatible materials</b>	No data available.
<b>Hazardous decomposition products</b>	No decomposition if stored and applied as directed.

## SECTION 11: Toxicological information

<b>Acute toxicity</b>	Not classified based on available information.
<b>Product:</b>	
<b>Acute oral toxicity</b>	Remarks: No data available
<b>Acute inhalation toxicity</b>	Remarks: No data available
<b>Acute dermal toxicity</b>	Remarks: No data available

**Skin corrosion/irritation**

Not classified based on available information.

**Product:**

Remarks May cause skin irritation in susceptible persons.

**Serious eye damage/eye irritation**

Not classified based on available information

**Product:**

Remarks May irritate eyes.

**Respiratory or skin sensitization**

**Skin sensitization**

Not classified based on available information.

**Product:**

Remarks No data available.

**Germ cell mutagenicity**

Not classified based on available information.

**Carcinogenicity**

Not classified based on available information

**IARC**

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

**OSHA**

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

**NTP**

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

**Reproductive toxicity**

Not classified based on available information.

**STOT-single exposure**

Not classified based on available information.

**STOT-repeated exposure**

Not classified based on available information.

**Aspiration toxicity**

Not classified based on available information.

**Further information**

**Product:**

Remarks No data available.

**SECTION 12: Ecological information**

**Ecotoxicity**

**Product:**

Toxicity to fish

Remarks No data available.

Toxicity to algae/aquatic plants

Remarks No data available.

Toxicity to microorganisms

Remarks No data available.

**Persistence and degradability**

No data available

**Bioaccumulative potential****Product:**

Bioaccumulation

Remarks

No data available.

**Mobility in soil**

No data available

**Other adverse effects****Product:**

Ozone-Depletion Potential

Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances

Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information

No data available

**SECTION 13: Disposal considerations****Disposal methods**

Waste from residues

Dispose of contents/container in accordance with local regulation.

Contaminated packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal.

**SECTION 14: Transport information****International Regulations****UNRTDG**

Not regulated as a dangerous good

**IATA-DGR**

Not regulated as a dangerous good

**IMDG-Code**

Not regulated as a dangerous good

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

**Domestic regulation****49 CFR**

Not regulated as a dangerous good

**SECTION 15: Regulatory information****CERCLA Reportable Quantity**

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
sodium azide	26628-22-8	1000	*

\*: Calculated RQ exceeds reasonably attainable upper limit.

**SARA 304 Extremely Hazardous Substances Reportable Quantity**



Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
sodium azide	26628-22-8	1000	*

\*: Calculated RQ exceeds reasonably attainable upper limit.

#### **SARA 302 Extremely Hazardous Substances Threshold Planning Quantity**

This material does not contain any components with a section 302 EHS TPQ.

#### **SARA 311/312 Hazards**

No SARA Hazards

#### **SARA 313**

This material does not contain any chemical components with known CAS number that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

#### **Clean Air Act**

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM Intermediate or Final VOC's (40 CFR 60.489).

#### **Clean Water Act**

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

This product does not contain any priority pollutants related to the U.S. Clean Water Act

#### **Maine Chemicals of High Concern**

This product does not contain any chemicals that are listed as Maine Chemicals of High Concern.

#### **Maine Chemicals of High Concern**

Product does not contain any listed chemicals

#### **TSCA list**

No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

### **SECTION 16: Other information**

Reason for revision SDS sections updated

Version no. 1

For research use only. Not for use in diagnostic procedures.

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# SAFETY DATA SHEET

Date Revised: Jan. 5, 2023

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

**Product Name:** UE Multisource Genomic DNA Minprep Kit (Buffer P-D)

**Catalog Number:** UE-MN-MS-GDNA-10, UE-MN-MS-GDNA-50, UE-MN-MS-GDNA-250

**Manufacturer/Supplier:**

UElandy (Suzhou) Co., Ltd.

Room 302-1, Building 1, No.18 Chunyao Road, Caohu Industrial Park, Xiangcheng District, Suzhou, P.R. China

Phone: 86-512-69571710, mailbox:service@uelandy.com

Web: <http://www.uelandy.com>

## SECTION 2: Hazards identification

**GHS - Classification**

**Signal Word**

None

**Hazard pictograms**

None

**Health hazards**

Not Hazardous

**Physical hazards**

Not Hazardous

**Environmental hazards**

Not Hazardous

**Hazard Statements**

Not Applicable

**Precautionary Statements**

**Prevention**

Not Applicable

**Response**

Not Applicable

**Storage**

Not Applicable

**Disposal**

Not Applicable

**Other hazards**

Not Applicable

**HMIS**

Health	0
Flammability	0
Reactivity	0





### SECTION 3: Composition/information on ingredients

The product contains no substances which at their given concentration, are considered to be hazardous to health. We recommend handling all chemicals with caution.

### SECTION 4: First aid measures

#### Description of first aid measures

<b>Skin contact</b>	Rinse with plenty of water. Immediate medical attention is not required.
<b>Eye contact</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
<b>Ingestion</b>	Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice.
<b>Inhalation</b>	Not expected to be an inhalation hazard under anticipated conditions of normal use of this material. Consult a physician if necessary.
<b>Notes to Physician</b>	Treat symptomatically.

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

Not Applicable

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

None.

### SECTION 5: Firefighting measures

#### Extinguishing media

**Suitable extinguishing media** Water spray. Carbon dioxide (CO<sub>2</sub>). Foam. Dry chemical.

**Unsuitable extinguishing media** No information available.

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

Not known.

#### Advice for fire-fighters

Standard procedure for chemical fires.

### SECTION 6: Accidental release measures

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

Ensure adequate ventilation

Always wear recommended Personal Protective Equipment

Use personal protection equipment

See Section 8 for more detail

#### Environmental precautions

No special environmental precautions required

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

Soak up with inert absorbent material.

#### Reference to other sections

See section 8 for more information.

### SECTION 7: Handling and storage

#### Precautions for safe handling

Use personal protective equipment as required. No special handling advices are necessary.

**Conditions for safe storage, including any incompatibilities**

Keep in a dry, cool and well-ventilated place. Keep in properly labeled containers.

**Specific end use(s)**

For research use only.

**SECTION 8: Exposure controls/personal protection****Control parameters**

**Exposure Limits** Contains no substances with occupational exposure limit values

**Engineering measures** Ensure adequate ventilation, especially in confined areas.

**Exposure controls****Personal Protective Equipment**

**Respiratory protection** In case of insufficient ventilation wear respirators and components tested and approved under appropriate government standards.

**Hand protection** Wear suitable gloves. Glove material: Compatible chemical-resistant gloves.

**Eye protection** Tight sealing safety goggles.

**Skin and Body Protection** Wear suitable protective clothing.

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice

**Environmental exposure controls**

No special environmental precautions required.

**SECTION 9: Physical and chemical properties****Information on basic physical and chemical properties**

<b>Appearance</b>	liquid	
<b>Odor</b>	No data available	
<b>Odor Threshold</b>	No data	
<b>Molecular Weight</b>	No data	
<b>pH</b>	No data available	
<b>Melting point / melting range</b>	°C No data	°F No data
<b>Boiling point / boiling range</b>	°C No data	°F No data
<b>Flash point</b>	°C No data	°F No data
<b>Autoignition Temperature</b>	°C No data	°F No data
<b>Decomposition temperature</b>	°C No data	°F No data
<b>Evaporation rate</b>	No data available	
<b>Flammability (solid, gas)</b>	No data available	
<b>Upper explosion limit</b>	No data	
<b>Lower explosion limit</b>	No data	
<b>Vapor Pressure</b>	No data	
<b>Vapor density</b>	No data	
<b>Relative density</b>	No data	
<b>Specific gravity</b>	No data available	
<b>Solubility</b>	No data available	
<b>Partition coefficient:</b>	No data available	

n-octanol/water

Viscosity No data

Explosive properties No data

Oxidizing properties No data

Other information

No data available.

## SECTION 10: Stability and reactivity

Reactivity None known.

Chemical stability Stable under normal conditions.

Possibility of hazardous reactions Hazardous reaction has been reported

Conditions to avoid No information available.

Incompatible materials No dangerous reaction known under conditions of normal use.

Hazardous decomposition products No data available.

## SECTION 11: Toxicological information

Information on toxicological effects

There is no evidence available indicating acute toxicity.

Principal Routes of Exposure

Acute toxicity Data are conclusive but insufficient for classification

Skin corrosion/irritation Data are conclusive but insufficient for classification

Serious eye damage/irritation Data are conclusive but insufficient for classification

Respiratory or skin sensitization Data are conclusive but insufficient for classification

STOT – Single Exposure Data are conclusive but insufficient for classification

STOT – Repeated Exposure Data are conclusive but insufficient for classification

Carcinogenicity Data are conclusive but insufficient for classification

Germ cell mutagenicity Data are conclusive but insufficient for classification

Reproductive toxicity Data are conclusive but insufficient for classification

Aspiration hazard Data are conclusive but insufficient for classification

## SECTION 12: Ecological information

Toxicity

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

Mobility in soil No information available.

Persistence and degradability No information available.

Bioaccumulative potential No information available.

Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

Other adverse effects No information available.

## SECTION 13: Disposal considerations

Waste treatment methods

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some



product residues. This material and its container must be disposed of in according to approved disposal technique. Disposal of this product, its solutions or of any by-products, shall comply with the requirements of all applicable local, regional or national/federal regulations

## **SECTION 14: Transport information**

### **IATA / ADR / DOT-US / IMDG**

Not regulated in the meaning of transport regulations.

**UN number** Not Applicable

**UN proper shipping name** Not Applicable

**Transport hazard class(es)** Not Applicable

**Packing group** Not Applicable

### **Environmental hazards**

Not Applicable

### **Special precautions for user**

Not Applicable

### **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not Applicable.

## **SECTION 15: Regulatory information**

### **US Federal Regulations**

#### **SARA 313**

This product is not regulated by SARA.

#### **Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product does not contains HAPs.

### **US State Regulations**

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

### **WHMIS Hazard Class**

Non-controlled

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

### **National Regulations - Brazil**

Not regulated

## **SECTION 16: Other information**

Reason for revision SDS sections updated

Version no. 1

For research use only. Not for use in diagnostic procedures.

The information provided above is believed to be correct to our best knowledge, but does not purport to be all inclusive, and shall be used only as a guide. This material is sold for research purposes only and is not required to appear on the TSCA inventory. It is not intended for food, drug, household, agricultural or cosmetic use. Its use must be supervised by a technically qualified individual experienced in handling potentially hazardous chemicals. UElandy (Suzhou) shall not be held liable for any damage resulting from handling or contact with the above product.

# SAFETY DATA SHEET

Date Revised: Jan. 5, 2023

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

**Product Name:** UE Multisource Genomic DNA Minprep Kit (Buffer W1)

**Catalog Number:** UE-MN-MS-GDNA-10, UE-MN-MS-GDNA-50, UE-MN-MS-GDNA-250

**Manufacturer/Supplier:**

UElandy (Suzhou) Co., Ltd.

Room 302-1, Building 1, No.18 Chunyao Road, Caohu Industrial Park, Xiangcheng District, Suzhou, P.R. China

Phone: 86-512-69571710, mailbox:service@uelandy.com

Web: <http://www.uelandy.com>

## SECTION 2: Hazards identification

**GHS - Classification**

**Signal Word**

WARNING

**Hazard pictograms**



**Health hazards**

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2

**Physical hazards**

Not Hazardous

**Environmental hazards**

Not Hazardous

**Hazard Statements**

H315 - Causes skin irritation

H319 - Causes serious eye irritation

**Precautionary Statements**

**Prevention**

P264 - Wash hands thoroughly after handling

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

**Response**

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

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



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

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

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

#### **Storage**

Not Applicable

#### **Disposal**

Not Applicable

#### **Other hazards**

Not Applicable

#### **HMIS**

Health	2
Flammability	0
Reactivity	0

### **SECTION 3: Composition/information on ingredients**

The product contains no substances which at their given concentration, are considered to be hazardous to health. We recommend handling all chemicals with caution.

### **SECTION 4: First aid measures**

#### **Description of first aid measures**

##### **Skin contact**

Wash off immediately with plenty of water for at least 15 minutes. Remove and wash contaminated clothing and gloves, including the inside, before re-use.

Immediate medical attention is required.

##### **Eye contact**

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

Immediate medical attention is required.

##### **Ingestion**

Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice. Get medical attention if symptoms occur.

##### **Inhalation**

Remove to fresh air. If not breathing, give artificial respiration. If symptoms persist, call a physician.

##### **Notes to Physician**

Treat symptomatically.

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

H315 - Causes skin irritation H319 - Causes serious eye irritation

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

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

### **SECTION 5: Firefighting measures**

#### **Extinguishing media**

##### **Suitable extinguishing media**

Water spray. Carbon dioxide (CO<sub>2</sub>). Foam. Dry chemical.

##### **Unsuitable extinguishing media**

No information available.

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

No data

#### **Advice for fire-fighters**

Wear self-contained breathing apparatus and protective suit.

## SECTION 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

Always wear recommended Personal Protective Equipment

Use personal protection equipment

See Section 8 for more detail

### Environmental precautions

No special environmental precautions required. Avoid discharge into drains and waterways whenever possible.

### Methods and material for containment and cleaning up

Soak up with inert absorbent material.

### Reference to other sections

See section 8 for more information.

## SECTION 7: Handling and storage

### Precautions for safe handling

Always wear recommended Personal Protective Equipment. See section 8 for more information. Do not get in eyes, on skin, or on clothing. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator.

### Conditions for safe storage, including any incompatibilities

Keep in a dry, cool and well-ventilated place. Keep in properly labeled containers. Store in accordance with local regulations.

### Specific end use(s)

For research use only.

## SECTION 8: Exposure controls/personal protection

### Control parameters

Chemical Name	OSHA PEL	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Guanidine hydrochloride	None	None	None	None

Chemical Name	Brazil - OEL - TWAs (LTs)	Brazil - OEL - Ceilings	Brazil - OEL - Skin Designations
Guanidine hydrochloride	None	None	None

### Engineering measures

Ensure adequate ventilation, especially in confined areas.

### Exposure controls

### Personal Protective Equipment

### Respiratory protection

In case of insufficient ventilation wear respirators and components tested and approved under appropriate government standards.

### Hand protection

Wear suitable gloves. Glove material: Compatible chemical-resistant gloves.

### Eye protection

Tight sealing safety goggles.

### Skin and Body Protection

Wear laboratory coat for body protection.

### Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice

### Environmental exposure controls

No special environmental precautions required. Avoid discharge into drains and waterways whenever possible.

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

Appearance	liquid	
Color	No data	
Odor	No data	
pH	>6-8	
Molecular Weight	No data	
Melting point / melting range	°C No data	°F No data
Boiling point / boiling range	°C No data	°F No data
Flash point	°C No data	°F No data
Autoignition Temperature	°C No data	°F No data
Decomposition temperature	°C No data	°F No data
Evaporation rate	No data	
Viscosity	No data	
Flammability (solid, gas)	No data available	
Upper explosion limit	No data	
Lower explosion limit	No data	
Relative density	No data	
Vapor density	No data	
Specific gravity	No data available	
Solubility	No data available	
Partition coefficient: n-octanol/water	No data available	
Vapor Pressure	No data available	
Specific gravity	No data	
Explosive properties	No data	
Oxidizing properties	No data available	
Particle characteristics	No data	

### Other information

### Information with regard to physical hazard classes

No information available

### Other safety characteristics

No information available

## SECTION 10: Stability and reactivity

Reactivity	None known.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	Hazardous reaction has been reported
Conditions to avoid	None known.
Incompatible materials	No dangerous reaction known under conditions of normal use.
Hazardous decomposition products	No known hazardous decomposition products.

## SECTION 11: Toxicological information



#### Information on toxicological effects

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Guanidine hydrochloride	475 mg/kg	> 2000 mg/kg (Rabbit)	=3.181mg/L(Rat) =7.655mg/L(Rat)

#### Principal Routes of Exposure

Acute toxicity	Data are conclusive but insufficient for classification.
Skin corrosion/irritation	Skin irritation
Serious eye damage/irritation	Causes serious eye damage
Respiratory or skin sensitization	Data are conclusive but insufficient for classification.
STOT – Single Exposure	Data are conclusive but insufficient for classification.
STOT – Repeated Exposure	Data are conclusive but insufficient for classification.
Carcinogenicity	Data are conclusive but insufficient for classification.
Germ cell mutagenicity	Data are conclusive but insufficient for classification.
Reproductive toxicity	Data are conclusive but insufficient for classification.
Aspiration hazard	Data are conclusive but insufficient for classification.

## SECTION 12: Ecological information

#### Toxicity

The environmental impact of this product has not been fully investigated.

Chemical Name	Toxicity to algae	Toxicity to daphnia and other aquatic invertebrates	Toxicity to fish	Microtox Data	log Pow
Guanidine hydrochloride	No data available	No data available	No data available	No data available	logPow<-1.7

Mobility in soil	No information available.
Persistence and degradability	No information available.
Bioaccumulative potential	No information available.
Results of PBT and vPvB assessment	No information available.
Other adverse effects	No information available.

## SECTION 13: Disposal considerations

#### Waste treatment methods

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in accordance with approved disposal technique. Disposal of this product, its solutions or of any by-products, shall comply with the requirements of all applicable local, regional or national/federal regulations.

## SECTION 14: Transport information

#### IATA / ADR / DOT-US / IMDG

Not regulated in the meaning of transport regulations.

UN number	Not Applicable
UN proper shipping name	Not Applicable
Transport hazard class(es)	Not Applicable



**Packing group** Not Applicable

**Marine pollutant**

No

**Special precautions for user**

Not Applicable

**Maritime transport in bulk according to IMO instruments**

Not Applicable.

## SECTION 15: Regulatory information

Component	US TSCA
Guanidine hydrochloride 50-01-1 ( 7-13 )	Listed

### US Federal Regulations

#### SARA 313

This product is not regulated by SARA.

#### Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain HAPs.

### US State Regulations

Chemical Name	Massachusetts – RTK (Right-to-Know)	New Jersey - RTK (Right-to-Know)	Pennsylvania – RTK (Right-to-Know)
Guanidine hydrochloride		Listed	Listed

### California Proposition 65

This product does not contain any Proposition 65 chemicals.

### WHMIS Hazard Class

D2B - Toxic materials

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

### National Regulations - Brazil

<u>Chemical Name</u>	<u>CAS No.</u>	Brazil - National Agency for Sanitary Surveillance (ANVISA)	Brazil - National List of Carcinogen Agents to Humans (LINACH)
Guanidine hydrochloride	50-01-1	Not Listed	Not Listed

## SECTION 16: Other information

Reason for revision SDS sections updated

Version no. 1

For research use only. Not for use in diagnostic procedures.

The information provided above is believed to be correct to our best knowledge, but does not purport to be all inclusive, and shall be used only as a guide. This material is sold for research purposes only and is not required to appear on the TSCA inventory. It is not intended for food, drug, household, agricultural or cosmetic use. Its use must be supervised by a technically qualified individual experienced in handling potentially hazardous chemicals. UElandy (Suzhou) shall not be held liable for any damage resulting from handling or contact with the above product.



# SAFETY DATA SHEET

Date Revised: Jan. 5, 2023

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

**Product Name:** UE Multisource Genomic DNA Minprep Kit (Buffer W2 concentrate)

**Catalog Number:** UE-MN-MS-GDNA-10, UE-MN-MS-GDNA-50, UE-MN-MS-GDNA-250

**Manufacturer/Supplier:**

UElandy (Suzhou) Co., Ltd.

Room 302-1, Building 1, No.18 Chunyao Road, Caohu Industrial Park, Xiangcheng District, Suzhou, P.R. China

Phone: 86-512-69571710, mailbox:service@uelandy.com

Web: <http://www.uelandy.com>

## SECTION 2: Hazards identification

**GHS - Classification**

**Signal Word**

None

**Hazard pictograms**

None

**Health hazards**

Not Hazardous

**Physical hazards**

Not Hazardous

**Environmental hazards**

Not Hazardous

**Hazard Statements**

Not Applicable

**Precautionary Statements**

**Prevention**

Not Applicable

**Response**

Not Applicable

**Storage**

Not Applicable

**Disposal**

Not Applicable

**Other hazards**

Not Applicable

**HMIS**

Health	0
Flammability	0
Reactivity	0



### SECTION 3: Composition/information on ingredients

The product contains no substances which at their given concentration, are considered to be hazardous to health.

### SECTION 4: First aid measures

#### Description of first aid measures

<b>Skin contact</b>	Rinse with plenty of water. Immediate medical attention is not required.
<b>Eye contact</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
<b>Ingestion</b>	Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice.
<b>Inhalation</b>	Not expected to be an inhalation hazard under anticipated conditions of normal use of this material. Consult a physician if necessary.
<b>Notes to Physician</b>	Treat symptomatically.
<b>Most important symptoms and effects, both acute and delayed</b>	
Not Applicable	
<b>Indication of any immediate medical attention and special treatment needed</b>	
None.	

### SECTION 5: Firefighting measures

<b>Extinguishing media</b>	
<b>Suitable extinguishing media</b>	Water spray. Carbon dioxide (CO <sub>2</sub> ). Foam. Dry chemical.
<b>Unsuitable extinguishing media</b>	No information available.
<b>Special hazards arising from the substance or mixture</b>	
Not known.	
<b>Advice for fire-fighters</b>	
Standard procedure for chemical fires.	

### SECTION 6: Accidental release measures

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

Ensure adequate ventilation  
Always wear recommended Personal Protective Equipment Use personal protection equipment  
See Section 8 for more detail

#### Environmental precautions

No special environmental precautions required

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

Soak up with inert absorbent material.

#### Reference to other sections

See section 8 for more information.

### SECTION 7: Handling and storage

#### Precautions for safe handling

Use personal protective equipment as required. No special handling advices are necessary.

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

Keep in a dry, cool and well-ventilated place. Keep in properly labeled containers.

Specific end use(s)

For research use only.

## SECTION 8: Exposure controls/personal protection

Control parameters

Exposure Limits

Contains no substances with occupational exposure limit values

Engineering measures

Ensure adequate ventilation, especially in confined areas.

Exposure controls

Personal Protective Equipment

Respiratory protection

In case of insufficient ventilation wear respirators and components tested and approved under appropriate government standards.

Hand protection

Wear suitable gloves. Glove material: Compatible chemical-resistant gloves.

Eye protection

Tight sealing safety goggles.

Skin and Body Protection

Wear suitable protective clothing.

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice

Environmental exposure controls

No special environmental precautions required.

## SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance

liquid

Odor

No data available

Melting point / melting range

°C Mixture has not been tested

°F Mixture has not been tested

Boiling point / boiling range

°C Mixture has not been tested

°F Mixture has not been tested

Flash point

°C Mixture has not been tested

°F Mixture has not been tested

Autoignition Temperature

°C Mixture has not been tested

°F Mixture has not been tested

Decomposition temperature

°C Mixture has not been tested

°F Mixture has not been tested

Evaporation rate

No data available

Flammability (solid, gas)

No data available

Upper explosion limit

Mixture has not been tested

Lower explosion limit

Mixture has not been tested

Vapor Pressure

Mixture has not been tested

Relative density

Mixture has not been tested

Specific gravity

No data available

Solubility

No data available

Partition coefficient:

No data available

n-octanol/water

Explosive properties

Mixture has not been tested

Other information

No data available.

## SECTION 10: Stability and reactivity

Reactivity	None known.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	Hazardous reaction has been reported
Conditions to avoid	No information available.
Incompatible materials	No dangerous reaction known under conditions of normal use.
Hazardous decomposition products	No data available.

## SECTION 11: Toxicological information

### Information on toxicological effects

There is no evidence available indicating acute toxicity.

### Principal Routes of Exposure

Irritation	Conclusive but not sufficient for classification
Corrosivity	Conclusive but not sufficient for classification
Sensitization	Conclusive but not sufficient for classification
STOT – Single Exposure	Conclusive but not sufficient for classification
STOT – Repeated Exposure	Conclusive but not sufficient for classification
Carcinogenicity	Conclusive but not sufficient for classification
Mutagenicity	Conclusive but not sufficient for classification
Reproductive toxicity	Conclusive but not sufficient for classification
Aspiration hazard	Conclusive but not sufficient for classification

## SECTION 12: Ecological information

### Toxicity

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

**Persistence and degradability** No information available.

**Bioaccumulative potential** No information available.

### Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

**Other adverse effects** No information available.

## SECTION 13: Disposal considerations

### Waste treatment methods

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in accordance with approved disposal technique. Disposal of this product, its solutions or of any by-products, shall comply with the requirements of all applicable local, regional or national/federal regulations

## SECTION 14: Transport information

### IATA / ADR / DOT-US / IMDG

Not regulated in the meaning of transport regulations.

UN number	Not Applicable
UN proper shipping name	Not Applicable
Transport hazard class(es)	Not Applicable



**Packing group**

Not Applicable

**Environmental hazards**

Not Applicable

**Special precautions for user**

Not Applicable

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not Applicable.

## **SECTION 15: Regulatory information**

**US Federal Regulations**

**SARA 313**

This product is not regulated by SARA.

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product does not contain HAPs.

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**WHMIS Hazard Class**

Non-controlled

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

## **SECTION 16: Other information**

Reason for revision    SDS sections updated

Version no.    1

For research use only. Not for use in diagnostic procedures.

The information provided above is believed to be correct to our best knowledge, but does not purport to be all inclusive, and shall be used only as a guide. This material is sold for research purposes only and is not required to appear on the TSCA inventory. It is not intended for food, drug, household, agricultural or cosmetic use. Its use must be supervised by a technically qualified individual experienced in handling potentially hazardous chemicals. Uelandy (Suzhou) shall not be held liable for any damage resulting from handling or contact with the above product.



# SAFETY DATA SHEET

Date Revised: Jan. 5, 2023

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

**Product Name:** UE Multisource Genomic DNA Minprep Kit (Eluent)

**Catalog Number:** UE-MN-MS-GDNA-10, UE-MN-MS-GDNA-50, UE-MN-MS-GDNA-250

**Manufacturer/Supplier:**

UElandy (Suzhou) Co., Ltd.

Room 302-1, Building 1, No.18 Chunyao Road, Caohu Industrial Park, Xiangcheng District, Suzhou, P.R. China

Phone: 86-512-69571710, mailbox:service@uelandy.com

Web: <http://www.uelandy.com>

## SECTION 2: Hazards identification

**GHS - Classification**

**Signal Word**

None

**Hazard pictograms**

None

**Health hazards**

Not Hazardous

**Physical hazards**

Not Hazardous

**Environmental hazards**

Not Hazardous

**Hazard Statements**

Not Applicable

**Precautionary Statements**

**Prevention**

Not Applicable

**Response**

Not Applicable

**Storage**

Not Applicable

**Disposal**

Not Applicable

**Other hazards**

Not Applicable

**HMIS**

Health	0
Flammability	0
Reactivity	0





### SECTION 3: Composition/information on ingredients

The product contains no substances which at their given concentration, are considered to be hazardous to health.

### SECTION 4: First aid measures

#### Description of first aid measures

<b>Skin contact</b>	Rinse with plenty of water. Immediate medical attention is not required.
<b>Eye contact</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
<b>Ingestion</b>	Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice.
<b>Inhalation</b>	Not expected to be an inhalation hazard under anticipated conditions of normal use of this material. Consult a physician if necessary.
<b>Notes to Physician</b>	Treat symptomatically.
<b>Most important symptoms and effects, both acute and delayed</b>	
Not Applicable	
<b>Indication of any immediate medical attention and special treatment needed</b>	
None.	

### SECTION 5: Firefighting measures

<b>Extinguishing media</b>	
<b>Suitable extinguishing media</b>	Water spray. Carbon dioxide (CO <sub>2</sub> ). Foam. Dry chemical.
<b>Unsuitable extinguishing media</b>	No information available.
<b>Special hazards arising from the substance or mixture</b>	
Not known.	
<b>Advice for fire-fighters</b>	
Standard procedure for chemical fires.	

### SECTION 6: Accidental release measures

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

Ensure adequate ventilation  
Always wear recommended Personal Protective Equipment Use personal protection equipment  
See Section 8 for more detail

#### Environmental precautions

No special environmental precautions required

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

Soak up with inert absorbent material.

#### Reference to other sections

See section 8 for more information.

### SECTION 7: Handling and storage

#### Precautions for safe handling

Use personal protective equipment as required. No special handling advices are necessary.

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

Keep in a dry, cool and well-ventilated place. Keep in properly labeled containers.

Specific end use(s)

For research use only.

## SECTION 8: Exposure controls/personal protection

Control parameters

**Exposure Limits** Contains no substances with occupational exposure limit values

**Engineering measures**

Ensure adequate ventilation, especially in confined areas.

**Exposure controls**

**Personal Protective Equipment**

**Respiratory protection**

In case of insufficient ventilation wear respirators and components tested and approved under appropriate government standards.

**Hand protection**

Wear suitable gloves. Glove material: Compatible chemical-resistant gloves.

**Eye protection**

Tight sealing safety goggles.

**Skin and Body Protection**

Wear suitable protective clothing.

**Hygiene Measures**

Handle in accordance with good industrial hygiene and safety practice

**Environmental exposure controls**

No special environmental precautions required.

## SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

**Appearance**

liquid

**Odor**

No data available

**Melting point / melting range**

°C Mixture has not been tested

°F Mixture has not been tested

**Boiling point / boiling range**

°C Mixture has not been tested

°F Mixture has not been tested

**Flash point**

°C Mixture has not been tested

°F Mixture has not been tested

**Autoignition Temperature**

°C Mixture has not been tested

°F Mixture has not been tested

**Decomposition temperature**

°C Mixture has not been tested

°F Mixture has not been tested

**Evaporation rate**

No data available

**Flammability (solid, gas)**

No data available

**Upper explosion limit**

Mixture has not been tested

**Lower explosion limit**

Mixture has not been tested

**Vapor Pressure**

Mixture has not been tested

**Relative density**

Mixture has not been tested

**Specific gravity**

No data available

**Solubility**

No data available

**Partition coefficient:**

No data available

**n-octanol/water**

**Explosive properties**

Mixture has not been tested

**Other information**

No data available.

## SECTION 10: Stability and reactivity

Reactivity	None known.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	Hazardous reaction has been reported
Conditions to avoid	No information available.
Incompatible materials	No dangerous reaction known under conditions of normal use.
Hazardous decomposition products	No data available.

## SECTION 11: Toxicological information

### Information on toxicological effects

There is no evidence available indicating acute toxicity.

### Principal Routes of Exposure

Irritation	Conclusive but not sufficient for classification
Corrosivity	Conclusive but not sufficient for classification
Sensitization	Conclusive but not sufficient for classification
STOT – Single Exposure	Conclusive but not sufficient for classification
STOT – Repeated Exposure	Conclusive but not sufficient for classification
Carcinogenicity	Conclusive but not sufficient for classification
Mutagenicity	Conclusive but not sufficient for classification
Reproductive toxicity	Conclusive but not sufficient for classification
Aspiration hazard	Conclusive but not sufficient for classification

## SECTION 12: Ecological information

### Toxicity

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

**Persistence and degradability** No information available.

**Bioaccumulative potential** No information available.

### Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

**Other adverse effects** No information available.

## SECTION 13: Disposal considerations

### Waste treatment methods

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in accordance with approved disposal technique. Disposal of this product, its solutions or of any by-products, shall comply with the requirements of all applicable local, regional or national/federal regulations

## SECTION 14: Transport information

### IATA / ADR / DOT-US / IMDG

Not regulated in the meaning of transport regulations.

UN number	Not Applicable
UN proper shipping name	Not Applicable
Transport hazard class(es)	Not Applicable



**Packing group**

Not Applicable

**Environmental hazards**

Not Applicable

**Special precautions for user**

Not Applicable

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not Applicable.

## **SECTION 15: Regulatory information**

**US Federal Regulations**

**SARA 313**

This product is not regulated by SARA.

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product does not contain HAPs.

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**WHMIS Hazard Class**

Non-controlled

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

## **SECTION 16: Other information**

Reason for revision    SDS sections updated

Version no.    1

For research use only. Not for use in diagnostic procedures.

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