SAFETY DATA SHEET

According to Regulation (EU) No. 2020/878

1uM StereOmics Barcode Primer 2

Version	Revision Date:	Date of last issue: 2026/01/01
5.0	2026/01/01	Date of first issue: 2021/06/10

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

1.1 Product identifier

Product name: 1uM StereOmics Barcode Primer 2

Product number: 530-000173-00

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

Recommended restrictions: For research use only.

1.3 Details of the supplier of the safety data sheet

Company	Shenzhen MGI Biological Electronic Technology Co., Ltd.
Address	2/F, Building 11, Beishan Industrial Zone, No.146, Beishan Road, Yantian Street, Yantian District, Shenzhen, 518083, P.R. China
Zip code	518083
Web	https://en.mgi-tech.com
E-mail	MGI-service@mgi-tech.com
TEL.	+86 4000-688-114

1.4 Details of the EU supplier for the Safety Data Sheet

Company	Latvia MGI Tech, SIA
Address	Lidostas parks, Marupes pag., Marupes nov., LV-2167, Latvia
Zip code	LV-2167
Web	http://en.mgitech.cn
E-mail	mgi.lv@genomics.cn
TEL.	+371 67074475

1.5 Emergency telephone number

+86 4000-688-114

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP)

Not a hazardous substance or mixture.

Adverse physicochemical, human health and environment

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)
Hazard pictograms: No
Signal Word: No
Hazard statements No
Precautionary statements
Prevention
No CLP prevention statements
Response
No CLP response statements
Storage
No CLP storage statements
Disposal
No CLP disposal statements
EUH-statements:
No CLP disposal statements.

2.3 Other hazards

This product contains no PBT/vPvB chemicals.
This product contains no endocrine disrupting chemicals.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Product Name: 1uM StereOmics Barcode Primer 2			
ingredient	CAS-No.	Concentration (% w/w)	Classification
water	7732-18-5	>99.9%	Not Classified
Other components	-	<0.1%	Not Classified

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice :	Leave this dangerous place Contact a doctor Present this SDS to the doctor present Don't let the victim be left unattended
If inhaled :	Call your doctor immediately or call the National Emergency Advice for Hazardous Chemicals. Transfer to fresh air. If you are unconscious ,place it in a recovery position and seek medical advice.
In case of skin contact :	If skin or hair contact occurs remove contaminated clothing and wash skin and hair with tap water. Seek medical advice if there is swelling, redness, blisters or irritation. Seek medical attention promptly
In case of eye contact :	If you come into contact with your eyes, rinse your eyes with plenty of water and seek medical advice. Continue to flush your eyes while transporting to the hospital. Remove the contact lens. Protect the eyes without injuries. Keep your eyes wide when you rinse. If you still have eye irritation, consult a specialist. Keep the airway open.
If swallowed :	Do not induce vomiting. Do not give milk or alcoholic beverages. Never feed anything that is unconscious to your mouth.. The victim was taken to the hospital immediately. Rinse with water.

4.2 Most important symptoms and effects, both acute and delayed

In case of inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration. In case of discomfort seek medical attention.

In case of skin contact: Wash off with soap and plenty of water for at least 15 minutes. In case of discomfort seek medical attention.

In case of eye contact: Flush eyes thoroughly with water for 15 minutes. Remove contact lenses after

the initial 1-2 minutes and continue flushing. In case of discomfort seek medical attention.
In case of ingestion: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. In case of discomfort seek medical attention.

4.3 Indication of any immediate medical attention and special treatment needed

1.Treat symptomatically.
2.Symptoms may be delayed.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	Extinguish with water mist, alcohol-resistant foam, dry powder or carbon dioxide
Unsuitable extinguishing media	NO DATA

5.2 Special hazards arising from the substance or mixture

No information available.

5.3 Advice for firefighters

Special protective equipment for firefighters :	Wear self-contained breathing apparatus for firefighting if nec-essary.
Further information:	Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. For safety reasons in case of fire, cans should be stored sepa-rately in closed containments. Use a water spray to cool fully closed containers

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment.
Ensure adequate ventilation.
Remove all sources of ignition.
Evacuate personnel to safe areas.
Refer to protective measures listed in sections 7 and 8.
Beware of vapours accumulating to form explosive concentra-tions. Vapours can accumulate in low areas.

6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so.
If there is pollution in the sewer or waterway, please report to the local authorities.

6.3 Methods and material for containment and cleaning up

a lot of leaks:
Use an inert absorbent material such as sand or soil to absorb spillage.
Collect spilled product and place it in a sealable container or bucket for disposal.
Clean contaminated areas and objects with plenty of water and detergent.
Small amount of leakage:
Absorbing materials such as sand or soil absorb spillage.
Collect spilled product and place it in a sealable container for disposal.
Clean contaminated areas and objects with water and detergent

6.4 Reference to other sections

Treat recovered material as described in the section "Disposal considerations".

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid the formation of aerosols.
Do not breathe steam/dust.
Avoid contact - get special instructions before use.
Avoid contact with skin and eyes.
See section 8 for personal protection.
Smoking, eating and drinking areas should be prohibited during use.
Take precautions to prevent electrostatic discharge.
Provide adequate air exchange and/or exhaust in the workroom.
Dispose of rinse water in accordance with local and national regulations.
To prevent leakage or spillage, provide a suitable liquid retention system.

7.2 Conditions for safe storage, including any incompatibilities

Keep containers in a dry, cool and well-ventilated place.
Keep away from heat/sparks/open flames/hot surfaces.
Store away from incompatible materials and foodstuff containers.
Storage temperature generally should be -25℃~-15℃, relative humidity generally should not be higher than 80%.

7.3 Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

No additional information available.

8.2 Exposure controls

Appropriate engineering controls

Safety shower. Eyewash station. Ensure good ventilation of the work station.

Personal protection equipment

Eye and face protection

Safety glasses with side shields.

Skin protection

Wear suitable protective clothing.

Hand protection

Protective gloves.

Respiratory protection

[In case of inadequate ventilation] wear respiratory protection.

Thermal hazard protection

No information available.

Environmental exposure controls

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance and shape:	Colorless transparent liquid
odor:	odorless
pH value:	No data
Melting point / freezing point:	No data
Boiling point:	No data
Flash point:	No data
Upper explosion limit:	No data
Lower explosion limit:	No data
Vapor Pressure:	No data
Vapor density	No data
density	>1
Solubility	Soluble in water
N-octanol/water partition coefficient	No data
Auto-ignition temperature	No data
Decomposition temperature	No data

9.2 Other information-Information with regard to physical hazard classes

Information with regard to physical hazard classes

No additional information available

Other safety characteristics

No additional information

SECTION 10: Stability and reactivity

10.1 Stability

Stable under the recommended storage conditions.

10.2 Possibility of hazardous reactions

No hazardous reactions when stored and handled within normal conditions of use.

10.3. Conditions to avoid

Avoid extremes of temperature and direct sunlight.
Avoid contact with incompatible
materials.

10.4 Incompatible materials

Oxidising agents and alkalis.

10.5 Hazardous decomposition products

Oxides of carbon and nitrogen, smoke and other toxic fumes

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

No data available.

Skin corrosion/irritation

Not Skin corrosion/irritation

Serious eye damage/eye irritation

Not eye damage/eye irritation

Respiratory or skin allergies

No data available.

Germ cell mutagenicity

No data available.

Carcinogenicity

No data available.

Reproductive toxicity

No data available

Specific target organ toxicity (one exposure)

No data available

Specific target organ system toxicity (repeated exposure)

No data available

Aspiration hazard

No data available

Additional information

No data

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties :

The substance is not included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

11.2.2 Other information

Potential adverse human health effects and symptoms :

No additional information available.

SECTION 12: Ecological information

12.1 Toxicity

No data available.

12.2 Persistence and degradability

No data available

12.3 Potential bioaccumulation

No data available

12.4 Soil migration

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties:

The substance is not included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

12.7. Other adverse effects

No additional information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product	The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemi-cal or used container. Send to a licensed waste management company.
Contaminated packaging	Empty remaining contents. Dispose of as unused product. Do not re-use empty containers. Do not burn, or use a cutting torch on, the empty drum.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.2. UN proper shipping name				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards				
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No
No supplementary information available				

14.6. Special precautions for user

Overland transport

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

Inland waterway transport

Not regulated

Rail transport

Not regulated

14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

SECTION 15: Regulatory information

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

Regulation (EU) No. 2020/878：	Exist
Regulation (EC) No. 1907/2006:	Exist

15.2 Chemical safety assessment

Please note that waste disposal should also comply with local regulations.

No chemical safety assessment has been carried out.

SECTION 16: Other information

Abbreviations and acronyms

DSL/NDSL	Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS	European Inventory of Existing Commercial chemical Substances/European List of Notified Chemical Substances
ENCS	Japanese Existing and New Chemical Substances
IECSC	Chinese Inventory of Existing Chemical Substances
KECL	Korea Existing Chemicals List
PICCS	The Philippine Inventory of Chemicals and Chemical Substances
AICS	The Australian Inventory of Chemical Substances

Abbreviations and acronyms

ED: Endocrine disruptor

Full text of H- and EUH-statements

No information available.

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

END OF SDS.