



# Safety Data Sheet

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

### Identification of the substance or mixture

**Product code** LZ2996S

**Product name** AmpSure™ 2×PCR Mastermix

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

### **Relevant identified uses**

For research use only.

### **Uses advised against**

No information available.

### Company/undertaking identification

CHENGDU RHONE BIO-TECH CO., LTD.

Room A3-1, No.1480 Tianfu Avenue North

Wuhou Dist. Chengdu 610000

Sichuan, China

service@rhonin-bio.com

24 hour Emergency Response for Hazardous Materials [or Dangerous Goods] Incident. Spill, Leak, Fire, Exposure, or Accident. Call +86 28-8511 2829

## **SECTION 2: Hazards identification**

### **GHS Classification**

#### **Health hazards**

Not Hazardous

#### **Physical hazards**

Not Hazardous

#### **Environmental hazards**

Not Hazardous

### **Label elements**

#### **Signal Word**

None

#### **Hazard pictograms**

None

#### **Hazard Statements**

Not Applicable

### **Precautionary Statements**

#### **Prevention**

Not Applicable

#### **Response**

Not Applicable

#### **Storage**

Not Applicable

#### **Disposal**

Not Applicable

#### **Other hazards**

Not Applicable

Revision date: 29-Aug-2025

Product code: LZ2996S

Revision date: 29-Aug-2025

Product code: LZ2996S

### **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 skin with 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**

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

### **Hazardous Combustion Products**

None under normal use conditions.

### **Advice for firefighters**

Standard procedure for chemical fires.

## **SECTION 6: Accidental release measure**

### **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 information

### **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.

### **Hygiene Measures**

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feedingstuffs. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Wash hands before breaks and immediately after handling the product.

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

Keep in a dry, cool and well-ventilated place. Keep in properly labelled 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 area.

### **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

**Physical state** liquid

**Colour**

Blue

**Odour**

No data

**Molecular Weight**

No data

**Flammability (solid, gas)**

No data

**Lower explosion limit**

No data

**Upper explosion limit**

No data

**pH**

8

**Evaporation rate**

No data

**Viscosity**

No data

**Solubility**

No data

**Partition coefficient:**

Water

**Vapour Pressure**

Revision date: 29-Aug-2025

Product code: LZ2996S

No data

**Specific gravity**

No data

**Relative density**

No data

**Vapour density**

No data

**Explosive properties**

No data

**Oxidising properties**

No data

**Particle characteristics**

No data

**Other information**

**Information with regards 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 not been reported.

### **Conditions to avoid**

No information available.

### **Incompatible materials**

No dangerous reaction known under conditions of normal use.

### **Hazardous decomposition products**

None under normal use conditions.

## **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 sensitisation**

Data are conclusive but insufficient for classification

#### **Specific target organ toxicity (STOT)–single exposure**

Data are conclusive but insufficient for classification

#### **Specific target organ toxicity (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 accordance with approved disposal techniques. 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 or ID 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

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

Not Applicable

## **SECTION 15: Regulatory information**

### **International Inventories**

No information available.

### **UN (United Nations) - Chemical Weapons Convention (CWC)**

Not Applicable

### **Korea**

#### **Occupational Safety and Health Act**

Not Applicable

#### **Chemicals Control Act**

Not Applicable

#### **Act on Registration, Evaluation, etc. of Chemicals (K-REACH)**

Not Applicable

#### **Safety Control of Dangerous Substances Act**

Not Applicable

#### **Wastes Control Act**

Not Applicable.

### **Singapore**

No information available

### **China**

No information available

## **SECTION 16: Other information**

**Reason for revision** SDS sections updated.

**Revision number** 1

**Revision date** 29-Aug-2025

For research use only.

### **References**

- ECHA:<http://echa.europa.eu/>
- TOXNET:<http://toxnet.nlm.nih.gov/>
- eChemPortal:<http://www.echemportal.org/>
- LOLIdatabase:<https://www.chemadvisor.com/loli-database>

### **Abbreviations and acronyms**

TWA - Time-Weighted Average

OELs - Occupational Exposure Limits

STEL - Short Term Exposure Limit

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

KECL - Korean Existing and Evaluated Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

NZIoC - New Zealand Inventory of Chemicals

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

CEPA - Canadian Environmental Protection Act

EPA - Environmental Protection Agency

OSHA - Occupational Safety and Health Administration of the US Department of Labour

Revision date: 29-Aug-2025

Product code: LZ2996S

IATA - International Air Transport Association

DOT - Department of Transportation

IMDG - International Maritime Dangerous Goods

ACGIH - American Conference of Governmental Industrial Hygienists

NIOSH - National Institute for Occupational Safety and Health

AIHA - American Industrial Hygiene Association

HMIS - Department of Defense Hazardous Materials Information System

NTP - National Toxicology Program

IARC - International Agency for Research on Cancer

"The above information was acquired by diligent search and/or investigation and the recommendations are based on

prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. Since the Company cannot control the actual methods, volumes, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein. THE INFORMATION IN THIS SDS DOES NOT CONSTITUTE A WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE"

**End of Safety Data Sheet**