

Report No.: NB2024011246EN

Date: February 1, 2024

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**Applicant Name** : GUANGZHOU HEALTH GENETECH CO.LTD.

**Applicant Address** : 4/F, NO 3, LUOXUAN 3RD ROAD, GUANGZHOU INTERNATIONAL  
BIOTECH ISLAND, GUANGZHOU, CHINA

**Product Name** : AccuGen Pathogen Multiplex-PCR Library Prep kit

**Received Date** : January 29, 2024

**Compilation Period** : January 29, 2024 to February 1, 2024

**Regulatory Requirements** : As requested by the applicant, the Safety Data Sheet is prepared according to Globally Harmonized System of Classification and Labelling of Chemicals GHS Rev.10 (2023) .



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**SECTION 1. Identification of the substance/preparation and company**

<b>1.1 Product Identification</b>	: AccuGen Pathogen Multiplex-PCR Library Prep kit
<b>1.2 Model No.</b>	: 96RXN
<b>1.3 Recommended Use</b>	: Scientific research use
<b>1.4 Manufacturer Name</b>	: GUANGZHOU HEALTH GENETECH CO.LTD.
<b>1.5 Manufacturer Address</b>	: 4/F, NO 3, LUOXUAN 3RD ROAD,GUANGZHOU INTERNATIONAL BIOTECH ISLAND,GUANGZHOU, CHINA
<b>1.6 Manufacturer Tel</b>	: 020-39117866
<b>1.7 Manufacturer Fax</b>	: 020-39117866
<b>1.8 Manufacturer Email</b>	: SERVICE@MYHEALTHGENES.COM
<b>1.9 Emergency Phone</b>	: 020-39117866

**SECTION 2. Hazards identifications**

**2.1 Hazard Class:**

According to Globally Harmonized System of Classification and Labelling of Chemicals (GHS) (part 2~4), classification of risk categories.

The produce has no hazard classification.

**2.2 Pictograms:**

None

**2.3 Signal word:**

None

**2.4 Hazard description:**

None

**2.5 Precautionary description:**

None

**2.6 Other hazards**

PBT andvPVB: None



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**SECTION 3. Composition / information on ingredients**

Ingredient(s) of the product: mixture

Substance name		Conc.	CAS. No
Kit1			
Tris-HCl		256 mM/L	1185-53-1
MgCl <sub>2</sub>		15.8 mM/L	7786-30-3
dNTP Mix		11 mM/L	/
DNA polymerase		5.2U/L	9012-90-2
dNTP Mix		223uM/L	/
MgCl <sub>2</sub>		15.3 mM/L	7786-30-3
Oligonucleic acid fragment		528nM/ul	/
Water		Margin	7732-18-5
Kit2			
ImpetiCbead	Triiron tetraoxide	10mg/mL	80%
	Polystyrene resin		20%
Water		Margin	7732-18-5

**SECTION 4. First aid measures**

General advice: Immediate medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.

**4.1 Following inhalation:**

No inhalation hazard.

**4.2 Following skin contact:**

Harmless to skin.

**4.3 Following eye contact:**

Harmless to eye.

**4.4 Following ingestion:**

No ingestion hazard.



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**SECTION 5. Firefighting measures**

**5.1 Hazardous Characteristics:**

This product has no fire hazard.

**5.2 Extinguishing Media:**

Dry powder, Chemical foam, Carbon dioxide, water mist.

**5.3 Firefighting procedures:**

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear.

**5.4 Hazardous combustion products:**

None

**SECTION 6. Accidental release measures**

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

None

**6.2 Environmental precautions:**

None

**6.3 Cleaning method:**

None

**SECTION 7. Safe handling and storage**

**7.1 Handling Notes:**

None

**7.2 Storage Notes:**

None

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

**8.1 Occupational Exposure Limit:**

No information found.



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**8.2 Engineering Control:**

None

**8.3 Personal Protection:**

None

**8.4 Sanitary Measure:**

None

**SECTION 9. Physical and chemical properties**

<b>Appearance and Color</b>	20 bottles of colorless liquid, 1 bottle of brown liquid
<b>Odour</b>	Slight smell
<b>PH value</b>	8.3
<b>Flammability</b>	Noncombustible
<b>Density(g/cm<sup>3</sup>)</b>	1
<b>Relative steam density (air = 1)</b>	No data
<b>Vapor pressure(MPa)</b>	No data
<b>Octanol/water partition coefficient</b>	Not Applicable
<b>Viscosity</b>	Not Applicable
<b>Flash point(°C,Closed cup)</b>	Not Applicable
<b>Boiling point(°C)</b>	100
<b>Melting point (°C)</b>	-5-0
<b>Evaporation rate (kg/s)</b>	Not Applicable
<b>UEL %(V/V)</b>	Not Applicable
<b>LEL %(V/V)</b>	Not Applicable
<b>Auto-ignition temperature(°C)</b>	Not Applicable
<b>Decomposition temperature(°C)</b>	No data
<b>Solubility</b>	Water-miscible



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### SECTION 10. Stability and reactivity

#### 10.1 Stability:

Stable under recommended storage and handling conditions (See section 7).

#### 10.2 Material for avoiding:

Strong oxide, acid and alkali.

#### 10.3 Contact conditions for avoiding:

Sunlight, high temperature.

#### 10.4 Hazardous decomposition products:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11. Toxicological information

#### 11.1 Acute toxicity:

Based on available data, the classification criteria are not met.

#### 11.2 Skin corrosion/irritation:

Based on available data, the classification criteria are not met.

#### 11.3 Serious eye damage/irritation:

Based on available data, the classification criteria are not met.

#### 11.4 Respiratory or skin sensitisation:

Based on available data, the classification criteria are not met.

#### 11.5 Germ cell mutagenicity:

Based on available data, the classification criteria are not met.

#### 11.6 Carcinogenicity:

Based on available data, the classification criteria are not met.

#### 11.7 Reproductive toxicity:

Based on available data, the classification criteria are not met.

#### 11.8 STOT-single exposure:

Based on available data, the classification criteria are not met.



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**11.9 STOT-repeated exposure:**

Based on available data, the classification criteria are not met.

**11.10 Aspiration hazard.:**

Based on available data, the classification criteria are not met.

**SECTION 12. Ecological information**

**12.1 Toxicity:**

No data available.

**12.2 Persistence and degradability:**

No data available.

**12.3 Bioaccumulative potential:**

No data available.

**12.4 Mobility in soil**

No data available.

**12.5 Other Dangers:**

No data available.

**SECTION 13. Disposal considerations**

**13.1 Handling method for waste:**

Handling waste according to the local regulations. Contact specific waste disposal company or companies recommended by local laws.

**13.2 Handling method for uncleaned packaging**

Processing as general waste processing after the empty container.

**SECTION 14. Transport information**

<b>Packaging Label</b>	None
<b>UN NO</b>	None



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<b>Technical name</b>	None
<b>Transport hazard class</b>	None
<b>Subsidiary hazard class</b>	None
<b>Packing group</b>	None
<b>Marine pollutant</b>	No
<b>ICAO/IATA</b>	Can be shipped as general cargo by air in accordance International Air Transport Association (IATA) DGR 65 <sup>th</sup> .
<b>IMDG CODE</b>	Can be shipped as general cargo by sea in accordance with International Maritime Dangerous Goods Code IMDG CODE (41-22).
<b>ADR</b>	Can be shipped as general cargo by Road in accordance with European Agreement concerning the International Carriage of Dangerous (ADR-2023).
<b>RID</b>	Can be shipped as general cargo by Rail in accordance with Regulations concerning the International Carriage of Dangerous Goods (RID-2023).

## SECTION 15. Regulatory information

### 15.1 Safety, health and environmental regulations / laws for pure substances or mixtures

#### Catalogue of hazardous chemicals (2015 Edition)

Not included in the list.

### 15.2 Safety assessment of chemical substances

Not evaluated

## SECTION 16. Other information

The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, we do not assume any responsibility for the result of its use, this information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material



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for his particular purpose.

\*\*\*\*\* END \*\*\*\*\*



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