

Report No.: NB2024054791EN

Date: May 11, 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 DNA/RNA Extraction Kit

Received Date : May 9, 2024

Compilation Period : May 9, 2024 to May 11, 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

1.1 Product Identification	: AccuGen Pathogen DNA/RNA Extraction Kit
1.2 Model No.	: 50 test
1.3 Recommended Use	: Scientific research use
1.4 Manufacturer Name	: GUANGZHOU HEALTH GENETECH CO.LTD.
1.5 Manufacturer Address	: 4/F, NO 3, LUOXUAN 3RD ROAD,GUANGZHOU INTERNATIONAL BIOTECH ISLAND,GUANGZHOU, CHINA
1.6 Manufacturer Tel	: 020-39117866
1.7 Manufacturer Fax	: 020-39117866
1.8 Manufacturer Email	: SERVICE@MYHEALTHGENES.COM
1.9 Emergency Phone	: 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

Component	Main Ingredient	Conc	CAS No.	Specification/Quantity
Lysis Buffer	Guanidine Isothiocyanate	27ml/ bottle	593-84-0	50 T × 1 bottle
	Isopropanol		67-63-0	
Wash Solution 1	Guanidine Hydrochloride,	43ml/ bottle	50-01-1	50 T × 1 bottle
	Tris(hydroxymethyl)aminomethane		77-86-1	
Wash Solution 2	Potassium Chloride	20ml/ bottle	7447-40-7	50 T × 1 bottle
	Tris(hydroxymethyl)aminomethane		77-86-1	
Elution Buffer	Nuclease-free Water	6ml/ bottle	7732-18-5	50 T × 1 bottle
Magnetic Beads	Magnetic Beads	1.1ml/ bottle	/	50 T × 1 bottle
Carrier RNA	Carrier RNA	0.275ml/ bottle	/	50 T × 1 bottle
Proteinase K	Proteinase K	1.1ml/ bottle	925-54-2	50 T × 1 bottle
Grinding Beads	Glass beads	0.3-0.4g/ bottle	/	1T× 50 bottle

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:

If feeling uncomfortable, victim should be moved into fresh air. Seek medical attention.

4.2 Following skin contact:

No skin hazard.

4.3 Following eye contact:

In case of contact may cause irritation, immediately flush eyes with plenty of water for at least 15 minutes.

4.4 Following ingestion:

If it is ingested, drink enough water or milk, vomited. Seek medical attention.



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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:

Discharge into the environment must be avoided.

6.3 Cleaning method:

Remove by liquid absorbing material (e.g. kieselguhr). Adhered or collected material should be promptly disposed of. Disposal of discarded waste/pollutants refers to SECTION 13.

SECTION 7. Safe handling and storage

7.1 Handling Notes:

Stay away from heat and direct sunlight.

7.2 Storage Notes:

Stored in cool and dry condition.

Do not store with incompatible material (see section 10.2)



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SECTION 8. Exposure controls / personal protection

8.1 Occupational Exposure Limit:

None

8.2 Engineering Control:

None

8.3 Personal Protection:

None

8.4 Sanitary Measure:

Forbid smoking, eating and drinking in working places. Washing hands after handling products.

SECTION 9. Physical and chemical properties

Appearance and Color	4 bottles of colorless liquid, 2 sticks of colorless liquid, 1 bottle of brown liquid, 50 sticks of white solid particles
Odour	Slight smell
PH value	No Data
Flammability	Non-combustible
Density(g/cm³)	No Data
Relative steam density (air = 1)	Not Applicable
Vapor pressure(MPa)	Not Applicable
Octanol/water partition coefficient	No Data
Viscosity	No Data
Flash point(°C,Closed cup)	Not Applicable
Boiling point(°C)	100
Melting point (°C)	No Data
Evaporation rate (kg/s)	No Data



UEL %(V/V)	Not Applicable
LEL %(V/V)	Not Applicable
Auto-ignition temperature(°C)	Not Applicable
Decomposition temperature(°C)	No Data
Solubility	Soluble in water

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 sensitization:

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

11.5 Germ cell mutagenicity:



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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.

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.



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13.2 Handling method for uncleaned packaging

Processing as general waste processing after the empty container.

SECTION 14. Transport information

Packaging Label	None
UN NO	None
Proper shipping name	None
Technical name	None
Transport hazard class	None
Subsidiary hazard class	None
Packing group	None
Marine pollutant	No
ICAO/IATA	Can be shipped as general cargo by air in accordance International Air Transport Association (IATA) DGR 65 th (2024) .
IMDG CODE	Can be shipped as general cargo by sea in accordance with International Maritime Dangerous Goods Code IMDG CODE (41-22).
ADR	Can be shipped as general cargo by Road in accordance with European Agreement concerning the International Carriage of Dangerous (ADR-2023).
RID	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



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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 for his particular purpose.

***** END *****



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