Material Safety Data Sheet

respiraScreen 1 real time RT-PCR Kit

Version: 1.0 Issuing date: 14.07.2020
Replacement for the data sheet issued: -

Section 1 – Product and Company Information

1.1 Product identifier

Product name:	respiraScreen 1 real time RT-PCR Kit
Article number:	G01129

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

Recommended use:	Laboratory chemicals

1.3 Details of the supplier of the safety data sheet

1.3.1. Address of the manufacturer / supplier

Company:	gerbion GmbH & Co. KG Remsstr. 1 70806 Kornwestheim, Germany
Phone:	+49 7154 806 20 0
Fax:	+49 7154 806 20 29
E-Mail address:	info@gerbion.com

1.3.2. Responsible for the data sheet:

E-Mail address:	info@gerbion.com

1.4. Emergency telephone number

Emergency information service:	Poison Centre Munich, Phone: +49 89 19240

Section 2 – Hazard Identification

2.1 Classification of the substance or mixture

This substance does not meet the criteria for classification in accordance with Regulation No 1272/2008/EC.

2.2 Label elements

The product does not need to be labelled in accordance with EC directives or respective national laws.

2.3 Other hazards

There is no additional information.

Section 3 – Ingredient Information/Composition

3.2 Mixtures

This substance / mixture contains less than 0.1 % of a skin-allergic substance, less than 0.1 % of a carcinogenic substance, less than 0,1 % of a reproductive toxicant substance, furthermore less than 1 % w/w of a health or environmental hazard or with a Community-restricted substance and do not contain components from the Candidate List of Substances of Very High Concern for Authorisation (SVHC) in a concentration higher than or equal to 0.1 %.

Section 4 – First Aid Measures

4.1 Description of first aid measures

General notes:	Show this safety data sheet to the attending physician. Take off contaminated clothing.
Following inhalation:	No hazard identified.
Following skin contact:	No hazard identified.
Following eye contact:	No hazard identified.
Following ingestion:	No hazard identified.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms:	No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment:	None.

Section 5 – Fire Fighting Measures

5.1 Extinguishing media

Suitable extinguishing media:	The product itself does not burn. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2 Special hazards arising from the substance or mixture

Special hazards arising from the substance or mixture:	Exposure to decomposition products may be a hazard to health.
Hazardous combustion products:	No hazardous combustion products are known.

5.3 Advice for firefighters

Special protective equipment for firefighters:	Fight fire with normal precautions from a reasonable distance. Wear self-contained breathing apparatus.

Section 6 – Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions, protective equipment and emergency procedures:	Use personal protective equipment. There are no special measures required.

6.2 Environmental precautions

Not required.

6.3 Methods and material for containment and cleaning u

Cleaning process:	Wipe up with absorbent material. Place in appropriate containers for disposal.

6.4 Reference to other sections

Personal protective equipment:	See Section 8.
Disposal considerations:	See Section 13.

Section 7 – Handling and Storage

7.1 Precautions for safe handling

Advice on safe handling:	For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area.
Advice on protection against fire and explosion:	Normal measures for preventive fire protection.
Hygiene measures:	Keep away from food and drink. When using do not eat, drink or smoke.

7.2 Conditions for safe storage, including any incompatibilities

Additional information:	Recommended storage temperature ≥ -18 °C. No decomposition if stored and applied as recommended.

7.3 Specific end use(s)

Recommended use:	Laboratory chemicals

Section 8 – Exposure Controls / Personal Protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

8.2 Limitation and monitoring of exposure/ personal protective equipment

Eye/face protection:	Wear safety goggles to protect against splashes.
Respiratory protection:	Usually no personal respirative protection necessary.
Hand protection:	Protective gloves. Observe the manufacturer's instructions regarding permeability and breakthrough time as well as the special conditions at the workplace (mechanical burden, contact duration).
Skin- and body protection:	Protective gowns. Body protection should be selected according to the amount and concentration of hazardous substances at the workplace.

Section 9 – Physical and Chemical Properties

Appearance	
Physical state:	liquid (fluid)
Colour:	colourless
Odour:	odourless
Odour threshold:	No data available.
Other physical and chemical parameters	
pH value:	No data available.
Melting point/freezing point:	No data available.
Initial boiling point and boiling range:	No data available.
Flash point:	No data available.
Evaporation rate:	No data available.
Flammability (solid, gas):	Not relevant (fluid).
Upper/ lower explosion limit:	No data available.
Vapour pressure/ vapour density:	No data available.
Density:	No data available.
Solubility(ies):	Completely soluble in water.
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
Viscosity:	No data available.
Explosive properties:	Not to be classified as explosive
Oxidising properties:	No data available.

Section 10 – Stability and Reactivity

10.1 Reactivity
No decomposition if stored and applied as directed.

10.2 Chemical stability
No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions
Hazardous reaction: Stable under recommended storage conditions.
Hazardous decomposition products formed under fire conditions.

10.4 Conditions to avoid
Conditions to avoid: No data available.

10.5 Incompatible materials
Materials to avoid: No data available.

10.6 Hazardous decomposition products
Materials to avoid: No decomposition if stored and applied as directed.

Section 11 – Toxicological Information

11.1 Information on toxicological effects

Acute toxicity:	Not classified based on available information.
Skin corrosion/irritation:	Not classified based on available information.
Serious eye damage/eye irritation:	Not classified based on available information.
Respiratory or skin sensitization:	Not classified based on available information.
Germ cell mutagenicity:	Not classified based on available information.
Carcinogenicity:	Not classified based on available information.
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 hazard:	Not classified based on available information.

Section 12 – Ecological Information

12.1 Toxicity

to fish:	No data available.
to algae:	No data available.
to bacteria:	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 Results of PBT and vPvB assessment

This substance / mixture contains no components, at levels of 0.1 % or higher, which are classified as either persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulating (vPvB).

12.6 Other adverse effects

No data available.

Section 13 – Disposal Considerations

13.1 Disposal methods

Product:	Dispose of contents/container in accordance with local regulation
Additional information:	Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14 – Transport Considerations

14.1	**UN number:**	ADR, IMDG, IATA:	Not dangerous goods.
14.2	**Proper shipping name:**	ADR, IMDG, IATA:	Not dangerous goods.
14.3	**Transport hazard class:**	ADR, IMDG, IATA:	Not dangerous goods.
14.4	**Packaging group:**	ADR, IMDG, IATA:	Not dangerous goods.
14.5	**Environmental hazards:**	ADR, IMDG, IATA:	Not dangerous goods.
14.6	**Special precautions for user:**	Not dangerous goods by means of transportation guidelines.	
14.7	**Transport in bulk according to Annex II of MARPOL and the IBC Code:**	Not applicable, the item is not transported in bulk.	

Section 15 – Regulatory Information

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

No data available.

15.2 Chemical Safety Assessment

No data available.

Section 16 – Other Information

The information in this safety data sheet corresponds to our best knowledge at the time of printing. The information should give you clues for the safe handling of the product mentioned in this safety data sheet during storage, processing, transport and disposal. The details are not transferable to other products. If the product is mixed with other materials, mixed or processed, or subjected to processing, the information in this safety data sheet, unless expressly stated otherwise, cannot be transferred to the new material produced in this way.