

Safety Data Sheet

according to Regulation (EC) No 1907/2006 (REACH)

Trade name: Human MMP-8 Activity Assay Kit Component

Product No: QZBMMP8H Detection Enzyme

Print date:

Version: 1.1 / EN

Page 1 of 8

Revision date: 18Jan2023

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

1.1 Product identifiers

Product name: Detection Enzyme; part of 'Human MMP-8 Activity Assay Kit'

Catalog number: QZBMMP8H – Detection Enzyme

Brand: QuickZyme Biosciences

Index-No.: not applicable

Cas-No.: not applicable

EC-No.: not applicable

Reach number: No registration number available annual tonnage does not require registration.

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

Identified uses: Component of Assay kit for laboratory use, research use only

1.3 Details of the supplier of the safety data sheet:

Supplier:

Name: QuickZyme Biosciences B.V.

Address: Sylviusweg 71

2333 BE Leiden

The Netherlands

Information contact: +3188866 6024 / 6114

E-Mail: info@quickzyme.com

1.4 EMERGENCY TELEPHONE NUMBER:

In the EU call emergency number 112, outside EU call local emergency number.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Product definition: Mixture

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

Not classified

The product is not classified as dangerous according to Regulation (EC) 1272/2008 as amended

Full text of H-Statements: see SECTION 16.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

Safety Data Sheet

according to Regulation (EC) No 1907/2006 (REACH)

Trade name: Human MMP-8 Activity Assay Kit Component

Product No: QZBMMP8H Detection Enzyme

Print date:

Version: 1.1 / EN

Page 2 of 8

Revision date: 18Jan2023

Hazard pictograms: None

Signal word: No signal word

Hazard statements: No significant effects or critical hazards

Precautionary statements: Not applicable

Supplemental Hazard information: None

2.3 Other hazards None

SECTION 3. Composition/information on ingredients

Substance/mixture: mixture

Product/ingredient name Identifiers (ECI No. Type 1272/2008 (CLP))

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

SECTION 4: First aid measures

4.1 Description of first-aid measures

Eye contact: In case of contact with eyes, rinse immediately with plenty of water. Get medical attention if irritation occurs.

Inhalation: If inhaled, remove to fresh air. Get medical attention if symptoms appear.

Skin contact: Wash with soap and water. Get medical attention if symptoms appear.

If swallowed: Get medical attention if symptoms appear.

4.2 Most important symptoms and effects, both acute and delayed

Potential acute health effects

Eye contact No known significant effects or critical hazards.

Inhalation No known significant effects or critical hazards

Skin contact No known significant effects or critical hazards.

Ingestion No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact No specific data.

Inhalation No specific data.

Skin contact No specific data.

Ingestion No specific data.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments No specific treatment.

Safety Data Sheet

according to Regulation (EC) No 1907/2006 (REACH)

Trade name: Human MMP-8 Activity Assay Kit Component

Product No: QZBMMP8H Detection Enzyme

Print date:

Version: 1.1 / EN

Page 3 of 8

Revision date: 18Jan2023

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Use an extinguishing agent suitable for the surrounding fire

Unsuitable extinguishing media

None known

Hazardous combustion products

No specific data

5.2 Special hazards arising from the substance or mixture

No specific fire or explosion hazard

5.3 Advise for firefighters

No specific advise

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: No action shall be taken involving any personal risk or without suitable training. Evacuate the danger area. Provide adequate ventilation. Observe emergency procedures. Avoid substance contact.

For emergency responders: If specialised clothing is required, take note of section 8. See also above information for non-emergency personnel.

6.2 Environmental precautions

No specific precautions

6.3 Methods and materials for containment and cleaning up

No specific methods. Dispose of properly according to local regulations.

6.4 Reference to other sections

See section 1 for emergency contact information.

See section 8 for appropriate personal protection equipment.

See section 13 for additional disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures

This item does not require specific measures.

Hygiene measures

This item does not require specific measures.

7.2 Conditions for safe storage, including any incompatibilities

Store according to local regulations.

Safety Data Sheet

according to Regulation (EC) No 1907/2006 (REACH)

Trade name: Human MMP-8 Activity Assay Kit Component

Product No: QZBMMP8H Detection Enzyme

Print date:

Version: 1.1 / EN

Page 4 of 8

Revision date: 18Jan2023

7.3 Specific end uses

Research and development

See section 1.2.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Exposure limits

No exposure limit value known.

8.2 Exposure controls

Engineering measures.

No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limit.

Personal protective equipment

Eye/face protection

No specific measures

Skin protection

No specific measures.

Body protection

No specific measures.

Respiratory protection

No specific measures.

Environmental exposure controls

No specific measures

SECTION 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	solid (plastic mass)
Colour	transparent colorless, white
Odour	odourless
Melting/freezing point	Not available
Initial boiling point and boiling range	No data available
Flash point	No data available
Evaporation rate	No data available
Decomposition temperature	No data available
Flammability (solid, gas)	Not considered to be flammable
Upper/lower flammability or explosive limits	No data available
pH	No data available
Water solubility	Not soluble in water
Viscosity	No data available
Partition coefficient n-octanol/water	No data available
Explosive properties	Not considered to be a product presenting a risk of explosion
Oxidising properties	No data available

Safety Data Sheet

according to Regulation (EC) No 1907/2006 (REACH)

Trade name: Human MMP-8 Activity Assay Kit Component

Product No: QZBMMP8H Detection Enzyme

Print date:

Version: 1.1 / EN

Page 5 of 8

Revision date: 18Jan2023

9.2 Other Information

No additional information

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available

10.2 Chemical Stability

The product is stable

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

No data available

10.5 Incompatible materials

No specific data

10.6 Hazardous decomposition products

Under normal conditions of storage hazardous decomposition products should not be formed.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Not data available

Skin corrosion/ irritation

Not data available

Serious eye damage / eye irritation

No data available

Sensitisation

No data available

Mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

Teratogenicity

No data available

11.2 Additional information

Potential acute health effects

Inhalation

Safety Data Sheet

according to Regulation (EC) No 1907/2006 (REACH)

Trade name: Human MMP-8 Activity Assay Kit Component

Product No: QZBMMP8H Detection Enzyme

Print date:

Version: 1.1 / EN

Page 6 of 8

Revision date: 18Jan2023

No known effects

Ingestion

No known effects

Skin contact

No known effects

Eye contact

No known effects

SECTION 12: Ecological information

12.1 Toxicity

Not 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

PBT Not applicable

vPvB Not applicable

12.6 Endocrine disruptive properties

No adverse effects known

12.7 Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Avoid generation of waste as much as possible. Disposal of this product should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless compliant with requirements of local jurisdiction.

Packaging

Avoid generation of waste as much as possible. Disposal of this product should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus via a licensed waste disposal contractor.

Safety Data Sheet

according to Regulation (EC) No 1907/2006 (REACH)

Trade name: Human MMP-8 Activity Assay Kit Component

Product No: QZBMMP8H Detection Enzyme

Print date:

Version: 1.1 / EN

Page 7 of 8

Revision date: 18Jan2023

Waste should not be disposed of untreated to the sewer unless compliant with requirements of local jurisdiction.

SECTION 14: Transport information

	Land transport (ADR/RID)	Inland waterway transport (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1 UN No.	Not regulated	Not regulated	Not regulated	Not regulated
14.2 UN Proper shipping name				
14.3 Transport hazard class(es)				
14.4 Packing group				
14.5 Environmental hazards	No	No	No	No

14.6 Special precautions for user

No specific precautions

SECTION 15: Regulatory information

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

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

Authorisations and / or restrictions on use

Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII): Not applicable

National legislation

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances: Not applicable,

Other regulations

Not listed.

15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not performed

SECTION 16: Other information

Full text of H-statements referred to under sections 2 and 3:

Not applicable

Further information:

The information provided in this document is believed to be correct, but is possibly not all inclusive and is only intend to be used as a guide. QuickZyme Biosciences B.V. shall not be held

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Trade name: Human MMP-8 Activity Assay Kit Component

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Print date:

Version: 1.1 / EN

Page 8 of 8

Revision date: 18Jan2023

liable for any damage resulting from using this kit component, or from contact with this kit component.