

# Safety Data Sheet

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

Trade name: Human MMP-14H Activity Assay Kit Component

Product No: QZBMMP14H      Standard

Print date:

Version: 1.1 / EN

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

### 1.1 Product identifiers

Product name: Standard; part of 'Human MMP-14 Activity Assay Kit'

Catalog number: QZBMMP14H – Standard

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

E-Mail: info@quickzyme.com

### 1.4 EMERGENCY TELEPHONE NUMBER:

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

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## 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)**

Eye Irritant H319

**Ingredients of unknown toxicity** Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 29.8%

**Ingredients of unknown ecotoxicity** Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 47.6%

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

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## 2.2 Label elements

**Labelling according to Regulation (EC) No 1272/2008**

**Hazard pictograms:** Health hazard 

**Signal word:** Warning

**Hazard statements:** Causes eye irritation

**Precautionary statements:** Wear eye or face protection. Wash hands thoroughly after handling

**Response:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easily possible. Continue rinsing.

**Supplemental Hazard information:** Not applicable

## 2.3 Other hazards

Not available

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## SECTION 3. Composition/information on ingredients

**Substance/mixture:** mixture

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

Sodium Chloride EC: 231-598-3, CAS: 7647-14-5, 35-50%, Eye irritant H319

See section 16 for the full text of the H-statements declared above.

There are no additional 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.

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## 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. Remove contact lenses.

**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:** Drink water (two glasses at most) Get medical attention if symptoms appear.

### 4.2 Most important symptoms and effects, both acute and delayed

**Potential acute health effects**

Eye contact Causes eye irritation.

Inhalation No known significant effects or critical hazards.

Skin contact No known significant effects or critical hazards.

Ingestion Irritating to mouth, throat and stomach.

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## Over-exposure signs/symptoms

Eye contact    Adverse effects may include the following: pain or irritation, watering, redness.

Inhalation     No significant effects or critical hazards.

Skin contact    No significant effects or critical hazards.

Ingestion      No significant effects or critical hazards.

## 4.3 Indication of any immediate medical attention and special treatment needed

**Notes to physician:** Treat symptomatically.

**Specific treatments:** No specific treatment

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## 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

Decomposition products may include: halogenated compounds. Phosphorus oxides, Metal oxides

### 5.2 Special hazards arising from the substance or mixture

No specific fire or explosion hazard

Hazardous combustion products include the following:

Halogenated compounds, Phosphorus oxides, Metal oxides

### 5.3 Advise for firefighters

In the event of fire, wear self-contained breathing apparatus

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## 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

Do not let product enter drains

### 6.3 Methods and materials for containment and cleaning up

Stop leak if without risk. Move containers from spill area. Vacuum or sweep up material and place in a designated waste disposal container. Dispose of via a licensed waste disposal contractor.

### 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.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### **Protective measures**

Put on appropriate personal protective equipment (see Section 8)

#### **Hygiene measures**

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures

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

Store according to local regulations, in closed containers in the dark in a cool place.

### 7.3 Specific end uses

Research and development, analytical chemistry.

See section 1.2.

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## 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

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## SECTION 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state	solution in water
Colour	transparent colorless
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	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
Oxidizing properties	No data available

### 9.2 Other Information

No additional information

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## 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

Under normal conditions of storage and use hazardous reactions will not occur.

### 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.

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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

LD50 Oral Rat 3000 mg/kg

#### Skin corrosion/ irritation

No data available

#### Serious eye damage / eye irritation

Mild irritant

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## **Sensitisation**

No data available

## **Mutagenicity**

No known significant effects or critical hazards

## **Carcinogenicity**

Very low toxicity in humans and animals

## **Reproductive toxicity**

No known significant effects or critical hazards

## **Teratogenicity**

No known significant effects or critical hazards

## **11.2 Additional information**

### **Potential acute health effects**

#### **Inhalation**

No known significant effects or critical hazards

#### **Ingestion**

No known significant effects or critical hazards

#### **Skin contact**

No known significant effects or critical hazards

#### **Eye contact**

Causes eye irritation

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## **SECTION 12: Ecological information**

### **12.1 Toxicity**

Not available

### **12.2 Persistence and degradability**

Not 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 known significant effects or critical hazards

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## 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. 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,

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## Other regulations

Not listed.

## 15.2 Chemical Safety Assessment

This product contains substances for which Chemical Safety Assessments are still required.

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## SECTION 16: Other information

### Full text of abbreviated H-statements

H319 Causes serious eye irritation

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