

**Trade name:** HISCL  $\beta$ -Amyloid 1-40 Assay Kit (R2 Reagent)**Current version :** 3.0.0, issued: 27.06.2024**Replaced version:** 2.0.0, issued: 27.06.2024**Region:** IE**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

Trade name

**HISCL  $\beta$ -Amyloid 1-40 Assay Kit (R2 Reagent)****1.2 Relevant identified uses of the substance or mixture and uses advised against****Relevant identified uses of the substance or mixture**

For in-vitro diagnosis

**Uses advised against**

No data available.

**1.3 Details of the supplier of the safety data sheet****Address**

SYSMEX LTD

Sysmex House

Garamonde Drive

Wymbush

Milton Keynes

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United Kingdom

MK8 8DF

Telephone no. +44 (0)333 320 3460

Fax no. +44 (0)1908 267 901

**Advice on Safety Data Sheet**

info@sysmex-europe.com

**1.4 Emergency telephone number**

For medical advice:

+353 1 809 2166 (National Poisons Information Centre)

**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture****Classification information**

This product does not meet the classification and labelling criteria given in the Regulation (EC) No 1272/2008 (CLP).

**2.2 Label elements**

Not relevant

**2.3 Other hazards**

PBT assessment

According to the information provided in the supply chain, the mixture does not contain &gt; 0.1% of a substance that is considered to be PBT.

vPvB assessment

According to the information provided in the supply chain, the mixture does not contain &gt; 0.1% of a substance that is considered to be vPvB.

**SECTION 3: Composition/information on ingredients****3.1 Substances**

Not applicable. The product is not a substance.

**3.2 Mixtures****Hazardous ingredients**

This product does not contain substances to be mentioned according to EU Regulation No 1907/2006 (REACH), annex II.

**SECTION 4: First aid measures****4.1 Description of first aid measures****General information**

Remove contaminated clothing and shoes and launder thoroughly before reusing. In case of persisting adverse effects, consult a physician.

**After inhalation**

Ensure supply of fresh air.

**After skin contact**

When in contact with the skin, clean with soap and water.

**After eye contact**

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Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes).

**After ingestion**

Rinse the mouth thoroughly with water. Do not induce vomiting. Never give anything by mouth to an unconscious person.

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

No data available.

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

Treat symptomatically

**SECTION 5: Firefighting measures****5.1 Extinguishing media****Suitable extinguishing media**

Water spray jet; Carbon dioxide; Extinguishing powder; Alcohol-resistant foam

**Unsuitable extinguishing media**

High power water jet

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

In the event of fire, the following can be released: Carbon dioxide (CO<sub>2</sub>); Carbon monoxide (CO)

**5.3 Advice for firefighters**

Use self-contained breathing apparatus. Wear protective clothing.

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures****For non-emergency personnel**

Refer to protective measures listed in sections 7 and 8.

**For emergency responders**

Personal protective equipment (PPE) - see section 8.

**6.2 Environmental precautions**

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

**6.3 Methods and material for containment and cleaning up**

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13).

**6.4 Reference to other sections**

Information regarding safe handling, see section 7. Information regarding personal protective measures, see section 8. Information regarding waste disposal, see section 13.

**SECTION 7: Handling and storage****7.1 Precautions for safe handling****General protective and hygiene measures**

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Wash hands before breaks and after work. Do not inhale vapours.

**7.2 Conditions for safe storage, including any incompatibilities****Technical measures and storage conditions**

Keep container tightly closed and dry in a cool, well-ventilated place.

**Requirements for storage rooms and vessels**

Containers which are opened must be carefully resealed and kept upright to prevent leakage. Always keep in containers of same material as the original.

**Incompatible products**

Substances to be avoided, see section 10.

**7.3 Specific end use(s)**

No data available.

**SECTION 8: Exposure controls/personal protection****8.1 Control parameters**

No parameters available for monitoring.

**8.2 Exposure controls**

Appropriate engineering controls

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Ensure adequate ventilation, local exhaust at the work station if necessary.

**Personal protective equipment****Respiratory protection**

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

**Eye / face protection**

Safety glasses (EN 166)

**Hand protection**

In case of intensive contact, wear protective gloves (EN 374). Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

**Other**

Chemical-resistant work clothes.

**Environmental exposure controls**

No data available.

**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

|                                      |                    |
|--------------------------------------|--------------------|
| <b>State of aggregation</b>          |                    |
| liquid                               |                    |
| <b>Form</b>                          |                    |
| Suspension                           |                    |
| <b>Colour</b>                        |                    |
| brown                                |                    |
| <b>Odour</b>                         |                    |
| odourless                            |                    |
| <b>pH value</b>                      |                    |
| Value                                | 6,5                |
| <b>Boiling point / boiling range</b> |                    |
| No data available                    |                    |
| <b>Melting point/freezing point</b>  |                    |
| No data available                    |                    |
| <b>Decomposition temperature</b>     |                    |
| No data available                    |                    |
| <b>Flash point</b>                   |                    |
| No data available                    |                    |
| <b>Ignition temperature</b>          |                    |
| No data available                    |                    |
| <b>Flammability</b>                  |                    |
| No data available                    |                    |
| <b>Lower explosion limit</b>         |                    |
| No data available                    |                    |
| <b>Upper explosion limit</b>         |                    |
| No data available                    |                    |
| <b>Vapour pressure</b>               |                    |
| No data available                    |                    |
| <b>Relative vapour density</b>       |                    |
| No data available                    |                    |
| <b>Relative density</b>              |                    |
| No data available                    |                    |
| <b>Density</b>                       |                    |
| No data available                    |                    |
| <b>Solubility in water</b>           |                    |
| Value                                | 100 %              |
| Reference temperature                | 25 °C              |
| Comments                             | completely soluble |

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|  |
|--|
| <b>Solubility</b>  |
| No data available  |
| <b>Partition coefficient n-octanol/water (log value)</b> |
| No data available  |
| <b>Kinematic viscosity</b>                               |
| No data available  |
| <b>Particle characteristics</b>                          |
| No data available  |

**9.2 Other information**

|                          |
|--------------------------|
| <b>Other information</b> |
| No data available.       |

**SECTION 10: Stability and reactivity****10.1 Reactivity**

No data available.

**10.2 Chemical stability**

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

**10.3 Possibility of hazardous reactions**

Dangerous reactions are not to be expected when handling product according to its intended use.

**10.4 Conditions to avoid**

Extreme heat

**10.5 Incompatible materials**

None known.

**10.6 Hazardous decomposition products**In case of fire the following can be released: Carbon dioxide (CO<sub>2</sub>); Carbon monoxide (CO)**SECTION 11: Toxicological information****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

|  |
|--|
| <b>Acute oral toxicity</b>               |
| No data available                        |
| <b>Acute dermal toxicity</b>             |
| No data available                        |
| <b>Acute inhalational toxicity</b>       |
| No data available                        |
| <b>Skin corrosion/irritation</b>         |
| No data available                        |
| <b>Serious eye damage/irritation</b>     |
| No data available                        |
| <b>Respiratory or skin sensitisation</b> |
| No data available                        |
| <b>Germ cell mutagenicity</b>            |
| No data available                        |
| <b>Reproduction toxicity</b>             |
| No data available                        |
| <b>Carcinogenicity</b>                   |
| No data available                        |
| <b>STOT - single exposure</b>            |
| No data available                        |
| <b>STOT - repeated exposure</b>          |
| No data available                        |
| <b>Aspiration hazard</b>                 |
| No data available                        |

**11.2 Information on other hazards**

Endocrine disrupting properties

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No data available.

**Other information**

No data available.

**SECTION 12: Ecological information****12.1 Toxicity****Toxicity to fish (acute)**

No data available

**Toxicity to fish (chronic)**

No data available

**Toxicity to Daphnia (acute)**

No data available

**Toxicity to Daphnia (chronic)**

No data available

**Toxicity to algae (acute)**

No data available

**Toxicity to algae (chronic)**

No data available

**Bacteria 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 Results of PBT and vPvB assessment****Results of PBT and vPvB assessment**

PBT assessment

According to the information provided in the supply chain, the mixture does not contain &gt; 0.1% of a substance that is considered to be PBT.

vPvB assessment

According to the information provided in the supply chain, the mixture does not contain &gt; 0.1% of a substance that is considered to be vPvB.

**12.6 Endocrine disrupting properties**

No data available.

**12.7 Other adverse effects**

No data available.

**12.8 Other information****Other information**

Do not discharge product unmonitored into the environment.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods****Product**

Disposal of the product should be carried out in accordance with all applicable regulations following consultation with the responsible local authority and the disposal company in an authorised and suitable disposal facility.

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

**Packaging**

Residues must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

**SECTION 14: Transport information****14.1 UN number or ID number**

Not classified as dangerous in the meaning of transport regulations.

**14.2 UN proper shipping name**

Not classified as dangerous in the meaning of transport regulations.

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- 14.3 Transport hazard class(es)**  
Not classified as dangerous in the meaning of transport regulations.
- 14.4 Packing group**  
Not classified as dangerous in the meaning of transport regulations.
- 14.5 Environmental hazards**  
Not classified as dangerous in the meaning of transport regulations.
- 14.6 Special precautions for user**  
No data available.
- 14.7 Maritime transport in bulk according to IMO instruments**  
Not relevant

## SECTION 15: Regulatory information

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

#### EU regulations

| <b>Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)</b>  |                              |          |           |    |
|--|------------------------------|----------|-----------|----|
| According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.   |                              |          |           |    |
| <b>REACH candidate list of substances of very high concern (SVHC) for authorisation</b>  |                              |          |           |    |
| According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006. |                              |          |           |    |
| <b>Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES</b>  |                              |          |           |    |
| The product contains following substance(s) that are considered being subject to REACH regulation (EC) 1907/2006 annex XVII.   |                              |          |           |    |
| No   | Substance name               | CAS no.  | EC no.    | No |
| 1  | octamethylcyclotetrasiloxane | 556-67-2 | 209-136-7 | 75 |
| <b>Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances</b>  |                              |          |           |    |
| This product is not subject to Part 1 or 2 of Annex I.   |                              |          |           |    |
| <b>Other regulations</b>   |                              |          |           |    |
| Adhere to the national sanitary and occupational safety regulations when using this product.   |                              |          |           |    |

### 15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.

## SECTION 16: Other information

#### Sources of key data used to compile the data sheet:

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.  
 Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.  
 National Threshold Limit Values of the corresponding countries as amended in each case.  
 Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.  
 The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding section.

#### Creation of the safety data sheet

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This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

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