Safety Data Sheets

Helicobacter pylori

Catalog No: IHC5994-A

SDS Helicobacter pylori

Hyperlinks

[EN]

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Leica Biosystems Newcastle Ltd
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SDS Expiry Date: 27 MAR 2022
Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: Helicobacter pylori
Product code: IHC5994-A

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

Use of substance / mixture: Use in laboratories - Professional.

1.3. Details of the supplier of the safety data sheet

Company name: Leica Biosystems Newcastle Ltd
Balliol Business Park West
Benton Lane
Newcastle Upon Tyne
NE12 8EW
United Kingdom
Tel: +44 191 2150567
Fax: +44 191 2151152
Email: msds@LeicaBiosystems.com

1.4. Emergency telephone number

Emergency tel: USA and Canada: 1-800-424-9300
Outside USA and Canada: +1 703-741-5970
For emergency calls only.

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Skin Sens. 1: H317
Most important adverse effects: May cause an allergic skin reaction.

2.2. Label elements

Label elements under CLP:

Hazard statements: H317: May cause an allergic skin reaction.
Signal words: Warning

[cont...]
Precautionary statements:  
P261: Avoid breathing dust.  
P272: Contaminated work clothing should not be allowed out of the workplace.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P302+352: IF ON SKIN: Wash with plenty of water/soap.  
P333+313: If skin irritation or rash occurs: Get medical attention.  
P362+364: Take off contaminated clothing and wash it before reuse.  
P501: Dispose of contents/container to hazardous or special waste collection point.

2.3. Other hazards

PBT:  This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

* Non-classified ingredients: ALBUMINS, BLOOD SERUM

<table>
<thead>
<tr>
<th>*EC</th>
<th>*CAS</th>
<th>*CLP Classification</th>
<th>*Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>*232-936-2</td>
<td>*9048-46-8</td>
<td>*Acute Tox. 4 (H302)</td>
<td>*1-10%</td>
</tr>
</tbody>
</table>

* REACH Registration Number: Not applicable.

Hazardous ingredients:


<table>
<thead>
<tr>
<th>EC</th>
<th>CAS</th>
<th>CLP Classification</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>55965-84-9</td>
<td>Acute Tox. 3: H331; Acute Tox. 3: H311; Acute Tox. 3: H301; Skin Corr. 1B: H314; Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410</td>
<td>&lt;1%</td>
</tr>
</tbody>
</table>

REACH Registration Number: Not applicable.

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact:  Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. Consult a doctor.

Eye contact:  Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion:  Wash out mouth with water. Consult a doctor.

Inhalation:  Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.
4.2. Most important symptoms and effects, both acute and delayed

<table>
<thead>
<tr>
<th>Symptom</th>
<th>Effect</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin contact</td>
<td>There may be irritation and redness at the site of contact.</td>
</tr>
<tr>
<td>Eye contact</td>
<td>There may be irritation and redness. The eyes may water profusely.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>There may be soreness and redness of the mouth and throat.</td>
</tr>
<tr>
<td>Inhalation</td>
<td>Exposure may cause coughing or wheezing.</td>
</tr>
</tbody>
</table>

Delayed / immediate effects: Delayed effects can be expected after long-term exposure.

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

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

7.3. Specific end use(s)

Specific end use(s): Use in laboratories - Professional.
### Section 8: Exposure controls/personal protection

<table>
<thead>
<tr>
<th>8.1. Control parameters</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Workplace exposure limits:</strong> No data available.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DNEL/PNEC Values</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DNEL / PNEC</strong> No data available.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>8.2. Exposure controls</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Engineering measures:</strong> Ensure there is sufficient ventilation of the area.</td>
</tr>
<tr>
<td><strong>Respiratory protection:</strong> Self-contained breathing apparatus must be available in case of emergency.</td>
</tr>
<tr>
<td><strong>Hand protection:</strong> Impermeable gloves.</td>
</tr>
<tr>
<td><strong>Eye protection:</strong> Safety glasses. Ensure eye bath is to hand.</td>
</tr>
<tr>
<td><strong>Skin protection:</strong> Impermeable protective clothing.</td>
</tr>
</tbody>
</table>

### Section 9: Physical and chemical properties

<table>
<thead>
<tr>
<th>9.1. Information on basic physical and chemical properties</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>State:</strong> Liquid</td>
</tr>
<tr>
<td><strong>Colour:</strong> Colourless</td>
</tr>
<tr>
<td><strong>Odour:</strong> Odourless</td>
</tr>
<tr>
<td><strong>Viscosity:</strong> Non-viscous</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>9.2. Other information</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Other information:</strong> No data available.</td>
</tr>
</tbody>
</table>

### Section 10: Stability and reactivity

<table>
<thead>
<tr>
<th>10.1. Reactivity</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Reactivity:</strong> Stable under recommended transport or storage conditions.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>10.2. Chemical stability</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Chemical stability:</strong> Stable under normal conditions.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>10.3. Possibility of hazardous reactions</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Hazardous reactions:</strong> Hazardous reactions will not occur under normal transport or storage conditions.</td>
</tr>
<tr>
<td>Decomposition may occur on exposure to conditions or materials listed below.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>10.4. Conditions to avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Conditions to avoid:</strong> Heat.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>10.5. Incompatible materials</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Materials to avoid:</strong> Strong oxidising agents. Strong acids.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>10.6. Hazardous decomposition products</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Haz. decomp. products:</strong> In combustion emits toxic fumes.</td>
</tr>
</tbody>
</table>
Section 11: Toxicological information

11.1. Information on toxicological effects

Relevant effects for mixture:

<table>
<thead>
<tr>
<th>Hazard</th>
<th>Route</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Respiratory/skin sensitisation</td>
<td>DRM</td>
<td>Hazardous: exposure effect based on existing health data for hazardous component in mixture.</td>
</tr>
</tbody>
</table>

Symptoms / routes of exposure

- **Skin contact:** There may be irritation and redness at the site of contact.
- **Eye contact:** There may be irritation and redness. The eyes may water profusely.
- **Ingestion:** There may be soreness and redness of the mouth and throat.
- **Inhalation:** Exposure may cause coughing or wheezing.

Delayed / immediate effects: Delayed effects can be expected after long-term exposure.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.
Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

Specific regulations: This safety data sheet has been prepared according to;


15.2. Chemical Safety Assessment

Section 16: Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3:
- H301: Toxic if swallowed.
- H311: Toxic in contact with skin.
- H314: Causes severe skin burns and eye damage.
- H317: May cause an allergic skin reaction.
- H331: Toxic if inhaled.
- H400: Very toxic to aquatic life.
- H410: Very toxic to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.