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

**1.1. Product identifier**

- **Trade name/designation**: Catalog Antibodies.
- **Article No (user)**: EG-VHH001-xxxx.

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

**Relevant identified uses**: For research or laboratory use only. Not to be administered to humans or used for medical diagnostics.

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

- **Supplier**
  - **Name**: Kaneka Eurogentec S.A.
  - **Street**: Rue Bois Saint-Jean, 5
  - **Postal code/City**: 4102 Seraing
  - **Country**: Belgium
  - **Telephone**: 0032 (0)4 372 74 00
  - **Telefax**: 0032 (0)4 372 75 00
  - **E-mail**: SDS@eurogentec.com

**1.4. Emergency Telephone Number**

European Union: Contact your local poison center. See section 16.7

### SECTION 2: Hazards identification

**2.1. Classification of the substance or mixture**

This mixture is not classified as dangerous.

**2.2. Label elements**

- **Hazard pictograms**
- **Signal word**
- **Product identifiers**
- **Hazard Statements**
- **Supplemental Hazard information (EU)**
- **Precautionary Statements - General**
- **Precautionary Statements - Prevention**
- **Precautionary Statements - Response**
- **Precautionary Statements - Storage**
- **Precautionary Statements - Disposal**

**2.3. Other hazards**

Not available

### SECTION 3: Composition/information on ingredients

**3.1. Substances**

This product does not contain any hazardous ingredients at or above regulated thresholds.

**3.2. Mixtures**

The mixture does not contain any substances classified as Substances of Very High Concern (SVHC) by the European Chemicals Agency (ECHA) under article 57 of REACH: http://echa.europa.eu/fr/candidate-list-table.
### 3.3. Remark

Text phrases and H- EUH-: see section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<table>
<thead>
<tr>
<th>General information</th>
<th>When in doubt or if symptoms are observed, get medical advice.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Following inhalation</td>
<td>No special measures are necessary. Provide fresh air.</td>
</tr>
<tr>
<td>Following skin contact</td>
<td>Wash with soap and water.</td>
</tr>
<tr>
<td>Following eye contact</td>
<td>In case of eye irritation consult an ophthalmologist. Rinse immediately carefully and thoroughly with eye-bath or water.</td>
</tr>
<tr>
<td>Following ingestion</td>
<td>IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.</td>
</tr>
<tr>
<td>Self-protection of the first aider</td>
<td>No special measures are necessary.</td>
</tr>
</tbody>
</table>

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

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

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

| Notes for the doctor | Treat symptomatically.                                       |

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

| Unsuitable extinguishing media | Strong water jet.                                       |

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

Formation of toxic gases is possible during heating or in case of fire.

#### 5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

#### 5.4. Additional information

Do not inhale vapors and fumes. Co-ordinate fire-fighting measures to the fire surroundings. Move undamaged containers from immediate hazard area if it can be done safely. Use caution when applying carbon dioxide in confined spaces. Carbon dioxide can displace oxygen. Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Use personal protection equipment. Use appropriate respiratory protection. Provide adequate ventilation.

#### 6.2. Environmental precautions

Ensure that waste is collected and contained. Contain leaks or spills within cabinets with removable trays.

#### 6.3. Methods and material for containment and cleaning up

Treat the recovered material as prescribed in the section on waste disposal. Collect in closed and suitable containers for disposal. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Wipe up with absorbent material (e.g. cloth, fleece).

#### 6.4. Reference to other sections


#### 6.5. Additional information

Not available

### SECTION 7: Handling and Storage
7.1. Precautions for safe handling

PROTECTIVE MEASURES

No special measures are necessary.
Use only in well-ventilated areas.
If local exhaust ventilation is not possible or not enough, the entire work area must be ventilated by technical means.
Provide adequate ventilation as well as local exhaustion at critical locations.
Vapours/aerosols should be exhausted directly at the point of origin.

Advises on general occupational hygiene

Wash hands before breaks and after work.
Remove contaminated, saturated clothing.
Work in well ventilated zones or use proper respiratory protection.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry, cool, and well-ventilated place. Keep container in upright position in order to prevent leakage. Store the product at -20°C.

Requirements for storage rooms and vessels

Ensure adequate ventilation of the storage area.

Advice on joint storage

Keep away from food, drink and animal feedingstuffs.

7.3. Specific end uses

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Not available

8.2. Exposure controls

Appropriate engineering controls

Provide adequate ventilation as well as local exhaustion at critical locations.

Personal protection equipment

Eye/face protection : Suitable eye protection: Dust protection eye glasses
Skin protection : Hand protection: Disposable gloves
Body protection: Lab coat.
Respiratory protection : Remark: The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.
Remark: Observe the wear time limits as specified by the manufacturer.
Remark: Use only respiratory protection equipment with CE-symbol including four digit test number.

Environmental exposure controls

No special measures are necessary.

8.3. Additional information

Not available

SECTION 9: Physical and chemical Properties

9.1. Information on basic physical and chemical properties

Physical state: Liquid
Colour: Not available
Odour: Not available
Odour threshold: Not available
**9.2. Other safety information**
Not available

**SECTION 10: Stability and Reactivity**

**10.1. Reactivity**
No data available.

**10.2. Chemical stability**
Not available

**10.3. Possibility of hazardous reactions**
Not available

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

**10.5. Incompatible materials**
No data available.

**10.6. Hazardous decomposition products**
Not available

**10.7. Additional information**
Not available

**SECTION 11: Toxicological information**

**11.1. Acute oral toxicity**
Data for mixture
Not available
Substances
Not available

**11.2. Acute skin toxicity**
Data for mixture
Not available
Substances
Not available

**11.3. Acute inhalation toxicity**
Data for mixture
Not available
Substances
Not available

11.4. Skin corrosion
Data for mixture
Not available
Substances
Not available

11.5. Eye damage
Data for mixture
Not available
Substances
Not available

11.6. Skin sensitisation
Data for mixture
Not available
Substances
Not available

11.7. STOT RE
Data for mixture
Not available
Substances
Not available

11.8. STOT SE
Data for mixture
Not available
Substances
Not available

11.9. STOT RE
Data for mixture
Not available
Substances
Not available

11.10. Carcinogenicity
Data for mixture
Not available
Substances
Not available

11.11. Reproductive and Developmental Toxicity
Data for mixture
Not available
Substances
Not available

11.12. Genotoxicity
Data for mixture
Not available
Substances
Not available

11.13. In vitro genotoxicity
Data for mixture
Not available
Substances
Not available
11.14. Respiratory sensitisation
Data for mixture
Not available
Substances
Not available
Additional information
Not available

SECTION 12: Ecological information

12.1. Toxicity
Based on available data, the classification criteria are not met.

12.2. Persistence and degradability
The product has not been tested.

12.3. Bioaccumulative potential
The product has not been tested.

12.4. Mobility in soil
The product has not been tested.

12.5. Results of PBT and vPvB assessment
No data available.

12.6. Other adverse effects
No data available.

12.7. Additional ecotoxicological information
Not available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal
The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.
Dispose of waste according to applicable legislation.
Non-contaminated packages must be recycled or disposed of.
Contaminated packing must be completely emptied and can be reused after proper cleaning.
Packing which cannot be properly cleaned must be disposed of.
Dispose of waste according to applicable legislation.
For recycling, contact manufacturer.

13.2. Additional information
Not available

SECTION 14: Transport information

14.1. UN number
The product is not hazardous according to the applicable transport regulations (ADR/RID/ADN/IMDG/ICAO/IATA).

14.2. UN proper shipping name
Not regulated.

14.3. Transport hazard class(es)
Not regulated.

14.4. Packing group
Not regulated.

14.5. Environmental hazards
Not regulated.
14.6. Special precautions for user
Not regulated.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not regulated.

14.8. Additional information
Not available

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
This SDS has been established in accordance with REACH regulation, including its amendments: REACH Regulation (EC) No 1907/2006. This SDS has been established in accordance with CLP regulation, including its amendments: CLP Regulation EC No. 1272/2008.

Not available

15.2. Chemical Safety Assessment
For this substance/mixture a chemical safety assessment is not required. For this substance/mixture a chemical safety assessment has been elaborated. For this mixture, the relevant data of the Substances' Chemical safety assessment are integrated in the sections of the SDS.

15.3. Additional information
Not available

SECTION 16: Other information

Creation date: 04/07/2019
Version date: 04/07/2019
Printing date: 04/07/2019

16.1. Indication of changes
Not applicable (first edition of the MSDS).

16.2. Abbreviations and acronyms

16.3. Key literature references and sources for data
No data available.

16.4. Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]
Classification of the mixture is in accordance with the evaluation method described in Regulation (EC) No 1272/2008.

16.5. Relevant R-, H- and EUH-phrases (Number and full text)Not available

16.6. Training advice
Not available

16.7. Additional information
Emergency phone number:

<table>
<thead>
<tr>
<th>Country</th>
<th>Phone Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Austria</td>
<td>13 11 26</td>
</tr>
<tr>
<td>Belgium</td>
<td>+32 (0)70 245 245</td>
</tr>
<tr>
<td>Bulgaria</td>
<td>+359 2 9154 409</td>
</tr>
<tr>
<td>Croatia</td>
<td>+385 1 2348 342</td>
</tr>
<tr>
<td>Cyprus</td>
<td>112</td>
</tr>
<tr>
<td>Czech Republic</td>
<td>+420 224 919 293</td>
</tr>
<tr>
<td>Denmark</td>
<td>82 12 12 12</td>
</tr>
<tr>
<td>Latvia</td>
<td>+371 67042743</td>
</tr>
<tr>
<td>Liechtenstein</td>
<td>112</td>
</tr>
<tr>
<td>Lithuania</td>
<td>+370 8-5 236 20 52</td>
</tr>
<tr>
<td>Luxembourg</td>
<td>8002-5500</td>
</tr>
<tr>
<td>Malta</td>
<td>112</td>
</tr>
<tr>
<td>Netherlands</td>
<td>112</td>
</tr>
<tr>
<td>Norway</td>
<td>+32 (0)70 245 245</td>
</tr>
<tr>
<td>Norway</td>
<td>82 59 13 00</td>
</tr>
<tr>
<td>Country</td>
<td>Code</td>
</tr>
<tr>
<td>-----------</td>
<td>--------</td>
</tr>
<tr>
<td>Estonia</td>
<td>16 662</td>
</tr>
<tr>
<td>Finland</td>
<td>09 471 977</td>
</tr>
<tr>
<td>France</td>
<td>33 (01) 45 42 59 59</td>
</tr>
<tr>
<td>Germany</td>
<td>112</td>
</tr>
<tr>
<td>Greece</td>
<td>9470 245 245</td>
</tr>
<tr>
<td>Portugal</td>
<td>808 250 143</td>
</tr>
<tr>
<td>France</td>
<td>112</td>
</tr>
<tr>
<td>Hungary</td>
<td>80 201 199</td>
</tr>
<tr>
<td>Germany</td>
<td>112</td>
</tr>
<tr>
<td>Iceland</td>
<td>112</td>
</tr>
<tr>
<td>Iceland</td>
<td>112</td>
</tr>
<tr>
<td>Italy</td>
<td>35 (02) 6610 1029</td>
</tr>
</tbody>
</table>

The information given in this Safety Data Sheet is based on our present knowledge and on European and national regulations. This Safety Data Sheet describes safety requirements relative to identified uses, it doesn't guarantee all the product properties particularly in the case of non-identified uses. The product mustn't be used for any uses other than those identified under heading 1. Since the user's working conditions are not known by us, it is the responsibility of the user to take all necessary measures to comply with legal requirements for specific uses and avoid negative health effects.