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

1.1 Product identifier
- Trade name: LBIS Mouse anti-dsDNA ELISA Kit / Wash Stock Solution (10X)
- Article number: 637-02691_G

1.2 Relevant identified uses of the substance or mixture and uses advised against
- Application of the substance / the preparation: Laboratory chemicals
- Uses advised against
  - Only for professional use.
  - Do not use for private purposes (household).

1.3 Details of the supplier of the safety data sheet
- Manufacturer/Supplier:
  - FUJIFILM Wako Chemicals Europe GmbH
  - Fuggerstr. 12
  - 41468 Neuss
  - Deutschland
  - Tel: +49 (0) 2131-311-0
  - Fax: +49 (0) 2131-311 100

1.4 Emergency telephone number:
- +49 (0) 2131-311-0 (8h-16h)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
- Classification according to Regulation (EC) No 1272/2008
  - The product is not classified, according to the GB CLP regulation.

2.2 Label elements
- Not applicable

2.3 Other hazards
- Not applicable

SECTION 3: Composition/information on ingredients

3.2 Mixtures
- Description: Mixture of substances listed below with nonhazardous additions.
- Dangerous components: Not applicable
- Additional information: For the wording of the listed hazard phrases refer to section 16.
SECTION 4: First aid measures

- **4.1 Description of first aid measures**
  - **General information:** Immediately remove any clothing soiled by the product.
  - **After inhalation:** Supply fresh air; consult doctor in case of complaints.
  - **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
  - **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
  - **After swallowing:** If symptoms persist consult doctor.

- **4.2 Most important symptoms and effects, both acute and delayed**
  No further relevant information available.

- **4.3 Indication of any immediate medical attention and special treatment needed**
  No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
  - **Suitable extinguishing agents:** CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
  - **For safety reasons unsuitable extinguishing agents:** Water with full jet

- **5.2 Special hazards arising from the substance or mixture**
  No further relevant information available.

- **5.3 Advice for firefighters**
  - **Protective equipment:** No special measures required.
  - **Additional information:** Collect contaminated fire fighting water separately. It must not enter the sewage system.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Not required.
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**
  Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **6.4 Reference to other sections**
  See Section 7 for information on safe handling.
  See Section 8 for information on personal protection equipment.
  See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
  No special measures required.
  Ensure good ventilation/exhaustion at the workplace.
- **Information about fire - and explosion protection:** No special measures required.
7.2 Conditions for safe storage, including any incompatibilities

- **Storage:**
  - Requirements to be met by storerooms and receptacles:
    - Store only in the original receptacle.
    - Store in cool, dry conditions in well sealed receptacles.
  - **Information about storage in one common storage facility:** Store away from foodstuffs.
  - **Further information about storage conditions:** Protect from frost.
  - **Storage class:** 12

7.3 Specific end use(s) No further relevant information available.

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**SECTION 8: Exposure controls/personal protection**

- **8.1 Control parameters**
- **Additional information about design of technical facilities:** No further data; see item 7.
- **Ingredients with limit values that require monitoring at the workplace:** The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists valid during the making were used as basis.

- **8.2 Exposure controls**
- **Personal protective equipment:**
  - **General protective and hygienic measures:**
    - Wash hands before breaks and at the end of work.
    - Do not eat, drink, smoke or sniff while working.
    - Storing food in the working area is prohibited.
  - **Respiratory protection:** Not necessary if room is well-ventilated.
  - **Protection of hands:**
    - Protective gloves
    - The protective gloves to be used must comply with the specifications of the EC directive 89/686/EEC and the resultant standard EN 374.
  - **Eye protection:**
    - Safety glasses
    - The protective safety glasses to be used must comply with the specifications of the EC directive 89/686/EEC and the resultant standard EN166.
  - **Body protection:** Protective work clothing
SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **General Information**
  - **Appearance:** Liquid
  - **Colour:** According to product specification
  - **Odour:** Characteristic
  - **Odour threshold:** Not determined.
- **pH-value at 20 °C:** 7.2-7.4
- **Change in condition**
  - **Melting point/freezing point:** Undetermined.
  - **Initial boiling point and boiling range:** Undetermined.
- **Flash point:** Not applicable.
- **Flammability (solid, gas):** Not applicable.
- **Ignition temperature:** Not determined.
- **Decomposition temperature:** Not determined.
- **Auto-ignition temperature:** Product is not selfigniting.
- **Explosion properties:** Not determined.
- **Explosion limits:**
  - **Lower:** Not determined.
  - **Upper:** Not determined.
- **Vapour pressure:** Not determined.
- **Density:**
  - **Relative density:** Not determined.
  - **Vapour density:** Not determined.
  - **Evaporation rate:** Not determined.
- **Solubility in / Miscibility with water:** Not determined.
- **Partition coefficient: n-octanol/water:** Not determined.
- **Viscosity:**
  - **Dynamic:** Not determined.
  - **Kinematic:** Not determined.
- **9.2 Other information**
  No further relevant information available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
  No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions**
  No dangerous reactions known.

(Cont. on page 5)
### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
  - **Acute toxicity**: Based on available data, the classification criteria are not met.
  - **Primary irritant effect:**
    - **Skin corrosion/irritation**: Based on available data, the classification criteria are not met.
    - **Serious eye damage/irritation**: Based on available data, the classification criteria are not met.
    - **Respiratory or skin sensitisation**: Based on available data, the classification criteria are not met.
  - **Additional toxicological information:**
    - **CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)**
    - **Germ cell mutagenicity**: Based on available data, the classification criteria are not met.
    - **Carcinogenicity**: Based on available data, the classification criteria are not met.
    - **Reproductive toxicity**: Based on available data, the classification criteria are not met.
    - **STOT-single exposure**: Based on available data, the classification criteria are not met.
    - **STOT-repeated exposure**: Based on available data, the classification criteria are not met.
    - **Aspiration hazard**: Based on available data, the classification criteria are not met.

### SECTION 12: Ecological information

- **12.1 Toxicity**
  - **Aquatic toxicity**: No further relevant information available.
- **12.2 Persistence and degradability**: No further relevant information available.
- **12.3 Bioaccumulative potential**: No further relevant information available.
- **12.4 Mobility in soil**: No further relevant information available.
- **Additional ecological information**:
  - **General notes**:
    Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **12.5 Results of PBT and vPvB assessment**
  - **PBT**: Not applicable.
  - **vPvB**: Not applicable.
- **12.6 Other adverse effects**: No further relevant information available.

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
  - **Recommendation**: Smaller quantities can be disposed of with household waste.
- **Uncleaned packaging**:
  - **Recommendation**: Disposal must be made according to official regulations.
### SECTION 14: Transport information

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<tr>
<td>14.1 UN-Number</td>
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<td>ADR, IMDG, IATA</td>
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<td>14.2 UN proper shipping name</td>
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<td>14.3 Transport hazard class(es)</td>
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<td>14.5 Environmental hazards:</td>
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<td>14.6 Special precautions for user</td>
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<td>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</td>
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<td>UN &quot;Model Regulation&quot;:</td>
<td>Not applicable</td>
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### SECTION 15: Regulatory information

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<table>
<thead>
<tr>
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<tbody>
<tr>
<td>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture</td>
<td></td>
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<tr>
<td>Directive 2012/18/EU</td>
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<td>Named dangerous substances - ANNEX I None of the ingredients is listed.</td>
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<tr>
<td>15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.</td>
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### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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<table>
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<tbody>
<tr>
<td>Creation Date</td>
<td>05.07.2022</td>
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<tr>
<td>Abbreviations and acronyms:</td>
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<tr>
<td>ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)</td>
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<tr>
<td>IMDG: International Maritime Code for Dangerous Goods</td>
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<td>IATA: International Air Transport Association</td>
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<tr>
<td>GHS: Globally Harmonised System of Classification and Labelling of Chemicals</td>
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<tr>
<td>EINECS: European Inventory of Existing Commercial Chemical Substances</td>
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<tr>
<td>ELINCS: European List of Notified Chemical Substances</td>
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<td>CAS: Chemical Abstracts Service (division of the American Chemical Society)</td>
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<tr>
<td>PBT: Persistent, Bioaccumulative and Toxic</td>
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<tr>
<td>vPvB: very Persistent and very Bioaccumulative</td>
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<tr>
<td>* Data modified compared to previous version.</td>
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