

# SAFETY DATA SHEET

Version: 1.0

Feline Liver S9

Revision Date: 06/05/2026

SDS No.: USEN20603172

## 1. PRODUCT AND COMPANY IDENTIFICATION

### 1.1 Product identifiers

Product name : Feline Liver S9

Product number : LSCC-100P / LSCC-200P / LSCC-300P  
LSMC-100P / LSMC-200P / LSMC-300P

Brand : MileCell

### 1.2 Details of the supplier

Company name and address : MILECELL BIOTECHNOLOGY INC.  
5965 Village Way E105-160, San Diego, CA 92130

**1.3 Emergency telephone number:** +858-705-8466

### 1.4 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : For R&D use

Uses advised against : Food, drugs, pesticide, or biocidal product use

## 2. HAZARDS IDENTIFICATION

### GHS Classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Not a hazardous substance or mixture.

### GHS label elements

No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required.

**Physical and chemical hazards:** Not classified based on available information.

**Health hazards:** Not classified based on available information.

**Environmental hazards:** Not classified based on available information.

**Other hazards which do not result in classification:** Contains animal-derived components; Handle with standard biosafety precautions.

## 3. COMPOSITION/INFORMATION ON INGREDIENT

|                     |                            |             |
|---------------------|----------------------------|-------------|
| Substance / Mixture | : Mixture                  |             |
| Components          | : No hazardous ingredients |             |
| Component           | CAS#                       | Content %   |
| Sucrose             | 57-50-1                    | 5.0 – 10.0% |

|                                               |           |             |
|-----------------------------------------------|-----------|-------------|
| Tris(hydroxymethyl)aminomethane hydrochloride | 1185-53-1 | 1.0 – 2.0 % |
| Liver S9                                      | NA        | 1.0 – 5.0 % |
| Water                                         | 7732-18-5 | >85 %       |

#### 4. FIRST AID MEASURES

|                                                             |   |                                                                                                                     |
|-------------------------------------------------------------|---|---------------------------------------------------------------------------------------------------------------------|
| If inhaled                                                  | : | After inhalation: place in fresh air.                                                                               |
| In case of skin contact                                     | : | Take off immediately all contaminated clothing. Rinse skin with water.                                              |
| In case of eye contact                                      | : | Rinse out with plenty of water. Remove contact lenses.                                                              |
| If swallowed                                                | : | Drink water (two glasses at most). Consult doctor if feeling unwell.                                                |
| 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 |

#### 5. FIREFIGHTING MEASURES

|                                                |   |                                                                                               |
|------------------------------------------------|---|-----------------------------------------------------------------------------------------------|
| Suitable extinguishing media                   | : | Water, Foam, Carbon dioxide (CO <sub>2</sub> ), Dry powder                                    |
| Unsuitable extinguishing media                 | : | No limitations of extinguishing agents are given.                                             |
| Hazardous combustion products                  | : | Nature of decomposition products not known.                                                   |
| Specific extinguishing methods                 | : | Prevent fire extinguishing water from contaminating surface water or the ground water system. |
| Special protective equipment for fire-fighters | : | Wear self-contained breathing apparatus.                                                      |

#### 6. ACCIDENTAL RELEASE MEASURES

|                                                       |   |                                                                                                                                                   |
|-------------------------------------------------------|---|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Personal precautions</b>                           | : | Avoid substance contact.                                                                                                                          |
| Advice for non-emergency personnel:                   | : | Evacuate the danger area, observe emergency procedures, consult an expert. For personal protection see section 8.                                 |
| <b>Environmental precautions</b>                      | : | Do not let product enter drains.                                                                                                                  |
| Methods and materials for containment and cleaning up | : | Cover drains. Collect, bind, and pump off spills. Take up carefully with liquid-absorbent materials. Dispose of properly. Clean up affected area. |

#### 7. HANDLING AND STORAGE

|                                                 |   |                                                                   |
|-------------------------------------------------|---|-------------------------------------------------------------------|
| <b>Handling</b>                                 | : | For precautions see section 2.2.                                  |
|                                                 | : | Smoking, eating and drinking should be prohibited in the ap area. |
| Advice on protection against fire and explosion | : | Normal measures for preventive fire protection.                   |
| <b>Storage:</b>                                 | : | must comply with the technological safety standards.              |
| Storage class                                   | : | Other liquids and solids                                          |

Further information on storage conditions: Recommended storage temperature: - 80 °C.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Ingredients with workplace control parameters

Contains no substances with occupational exposure limit values.

### Personal protective equipment

|                     |   |                                                                                                                                                                                 |
|---------------------|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eye/face protection | : | Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH US. Safety glasses with side shields (e.g., NIOSH-approved)           |
| Hand protection     | : | Handle with gloves. Gloves must be inspected prior to use. Nitrile gloves.                                                                                                      |
| Hygiene measures    | : | Change contaminated clothing. Wash hands after working with substance.<br>Conduct all operations in a certified biosafety cabinet to minimize exposure to potential biohazards. |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                             |   |                     |
|-----------------------------|---|---------------------|
| Appearance                  | : | Brownish-red Liquid |
| Odor                        | : | Odor of raw tissue  |
| pH                          | : | No data available   |
| Melting point               | : | No data available   |
| Boiling point/boiling range | : | No data available   |
| Flash point                 | : | No data available   |
| Flammability (liquids)      | : | No data available   |
| Vapor pressure              | : | No data available   |
| Relative density            | : | No data available   |

## 10. STABILITY AND REACTIVITY

|                                    |   |                                                     |
|------------------------------------|---|-----------------------------------------------------|
| Chemical stability                 | : | Stable at - 80 °C.                                  |
| Possibility of hazardous reactions | : | No decomposition if stored and applied as directed. |
| Conditions to avoid                | : | Protect from light.                                 |
| Incompatible materials             | : | No data available                                   |

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

**Information on likely routes of exposure:** Inhalation, Eye contact, Skin contact

#### Product:

|                                   |   |                   |
|-----------------------------------|---|-------------------|
| Acute toxicity (oral)             | : | Not classified    |
| Acute toxicity (dermal)           | : | Not classified    |
| Acute toxicity (inhalation)       | : | Not classified    |
| Skin corrosion/irritation         | : | Not classified    |
| Serious eye damage/eye irritation | : | Not classified    |
| Respiratory or skin sensitization | : | No data available |

|                                                  |   |                   |
|--------------------------------------------------|---|-------------------|
| Specific target organ toxicity - single exposure | : | No data available |
| Specific target organ toxicity-repeated exposure | : | No data available |
| Aspiration hazard                                | : | No data available |
| Germ cell mutagenicity                           | : | No data available |
| Reproductive toxicity                            | : | No data available |

**Carcinogenicity:** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, OSHA, NTP, ACGIH.

### 11.2 Additional information:

Based on low component concentrations, no acute toxicity is anticipated under intended R&D use. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. However, when the product is handled appropriately, hazardous effects are unlikely to occur. Handle in accordance with good industrial hygiene and safety practice.

## 12. ECOLOGICAL INFORMATION

### Product

|                                   |   |                                                                                                                                                                       |
|-----------------------------------|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eco toxicity                      | : | No data available                                                                                                                                                     |
| Persistence and degradability     | : | No data available                                                                                                                                                     |
| Ozone-depletion potential         | : | This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B). |
| Additional ecological information | : | No data available                                                                                                                                                     |

## 13. DISPOSAL CONSIDERATIONS

### **Disposal methods:**

|                        |   |                                                                                                      |
|------------------------|---|------------------------------------------------------------------------------------------------------|
| Waste from residues    | : | Dispose of in accordance with all applicable local regulations. Send to a licensed disposal company. |
| Contaminated packaging | : | Empty containers should be taken to an approved waste handling site for recycling or disposal.       |

## 14. TRANSPORT INFORMATION

### **International regulations:**

|                                                     |   |                                   |
|-----------------------------------------------------|---|-----------------------------------|
| DOT (Department of Transportation)                  | : | Not regulated as a dangerous good |
| IATA-DGR (International Air Transport Association): | : | Not regulated as a dangerous good |
| IMDG-Code:                                          | : | Not regulated as a dangerous good |

### **National regulations:**

|             |   |                                   |
|-------------|---|-----------------------------------|
| 49 CFR Road | : | Not regulated as a dangerous good |
|-------------|---|-----------------------------------|

**Special precautions for user:** Not classified as dangerous in the meaning of transport regulations.

## 15. REGULATORY INFORMATION

### **CERCLA Reportable Quantity**

This material does not contain any components with a CERCLA RQ.

### **SARA 304 Extremely Hazardous Substances Reportable Quantity**

This material does not contain any components with a section 304 EHS RQ.

**SARA 302 Extremely Hazardous Substances Threshold Planning Quantity**

No chemicals in this material are subject to SARA Title III, Section 302.

**SARA 311/312 Hazards:** No SARA Hazards

**Clean Air Act:** No hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act (40 CFR 61). (40 CFR 68.130, Subpart F). (40 CFR 60.489).

**Clean Water Act:** No Hazardous Substances listed under the U.S. Clean Water Act: Section 311, Table 116.4A. Section 311, Table 117.3. Section 307.

**US State Regulations**

**Massachusetts Right To Know:** No components listed

**Maine Chemicals of High Concern:** No components listed

**Vermont Chemicals of High Concern:** No components listed

**Washington Chemicals of High Concern:** No components listed

**California Prop 65**

This product does not contain any chemicals above de minimis levels known to State of California to cause cancer, birth defects, or any other reproductive harm.

**The components of this product are reported in the following inventories:**

**TSCA:** All substances listed as active on the TSCA Inventory

No substances are subjects to a significant New Use Rule.

No substances are subjects to TSCA 12 (b) export notification requirements.

**16. OTHER INFORMATION****Further information**

The information is believed to be correct but is not exhaustive and will be used solely as a guideline, which is based on current knowledge of the chemical substance or mixture and is applicable to appropriate safety precautions for the product. It does not represent any guarantee of the properties of the product. Corporation shall not be held liable for any damage resulting from handling or from contact with the above product.

Revision Date: 06/05/2026

**Date format:** mm/dd/yyyy