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

**1.1. Product identifier**
- **Product form**: Mixture, concentrated liquid
- **Product name**: Sani-Cide EX3 (concentrate)
- **Trade product**: LB-SCIDEX3/C
- **Part number**: CC-SCIDE EX3 series
- **EPA Registration**: 42048-3

**1.2. Relevant identified uses of the substance or mixture and uses advised against**
- **1.2.1. Relevant identified uses**: Disinfectant & Cleaning agent
- **1.2.2. Uses advised against**: No data available

**1.3. Details of the supplier of the safety data sheet**
- Celeste Industries Corporation
  - 8221 Teal Drive, suite 405
  - Easton, Maryland 21601 (USA)
  - Within USA: (410) 822-5775
  - International: 00 (1) 410-822-5775
  - e-mail: info@celestecorp.com

**1.4. Emergency telephone number**
- **Emergency contact number**: For Chemical Emergency, Spill, Leak, Fire, Exposure or Accident call CHEMTREC (24 hours)
  - within USA and CANADA: 1-800-424-9300
  - Outside USA and Canada (collect call accepted): 1-703-527-3883

### SECTION 2: Hazards identification

**2.1. Classification of the mixture**
- Classification according to CLP Regulation (EC) No 1272/2008
  - Skin Irrit. 2, H315
  - Eye Irrit. 2, H319

  **Full text of H-phrases**: see section 16

**Adverse physicochemical, human health and environmental effects**
- Not classified as dangerous for use/supply

**2.2. Label elements**
- **Classification according to CLP Regulation (EC) No 1272/2008**
  - **Hazard Pictogram**: 
    
  - **Signal Word**: Warning
  - **Hazard Statement**: H315 – Causes skin irritation  
    
  - **Precaution Statement**: P280 – Wear protective gloves/protective clothing/eye protection/face protection.  
    
  - **P302 + P350 – IF ON SKIN**: Gently wash with plenty of soap and water  
    
  - **P305 + P351 + P338 – IF IN EYES**: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.

**2.3. Other hazards**
- No additional information available
### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>Classification according to Regulation (EC) No. 1272/2008 [CLP]</th>
</tr>
</thead>
<tbody>
<tr>
<td>l- (+)-lactic acid (CAS No.) 79-33-4</td>
<td>(EC no) 201-196-2</td>
<td>4%</td>
<td>Skin Irrit. 2, H315, Eye Dam. 1, H318</td>
</tr>
<tr>
<td>Dodecylbenzenesulphonic acid (CAS No.) 27176-87-0</td>
<td>(EC no) 248-289-4</td>
<td>&lt; 4%</td>
<td>Acute Tox. 4, H302, Skin Corr. 1B, H314</td>
</tr>
<tr>
<td>Sodium octane-1-sulphonate monohydrate CAS No.) 532 4-84-5</td>
<td>(EC no) 226-195-4</td>
<td>&lt; 6%</td>
<td>Skin Irrit. 2, H315, Eye Dam. 1, H319</td>
</tr>
</tbody>
</table>

For a full text of phrases, see section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- **First-aid measures after inhalation**: If respiratory irritation occurs upon inhalation, remove to fresh air. Seek medical attention if symptoms develop or persist.
- **First-aid measures after skin contact**: If splashed or spilled on skin, rinse with plenty of water.
- **First-aid measures after eye contact**: Immediately flush eyes thoroughly with water for at least 15 minutes.
- **First-aid measures after ingestion**: Seek medical attention immediately. If the person is fully conscious, make him/her drink water. Never give an unconscious person anything to drink. Do not induce vomiting.

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

- **Symptoms/injuries after inhalation**: Inhalation of mist or aerosol may cause irritation to nose and throat.
- **Symptoms/injuries after skin contact**: Repeated or prolonged direct skin contact may cause irritation or drying of skin.
- **Symptoms/injuries after eye contact**: May cause irritation to the eyes.
- **Symptoms/injuries after ingestion**: May cause irritation to the respiratory tract and to other mucous membranes.

#### 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**: Dry chemical powder, Water spray, Alcohol resistant foam.
- **Unsuitable extinguishing media**: None known.

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

- **Fire hazard**: Non combustible
- **Reactivity**: Stable under normal conditions of use.

#### 5.3. Advice for firefighters

- **Protective equipment for firefighters**: Wear proper protective equipment including self-contained breathing apparatus.

### SECTION 6: Accidental release measures

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

- **General measures**: Eliminate all ignition sources if safe to do so. Ensure adequate ventilation. Avoid contact with skin and eyes.

#### 6.1.1. For non-emergency personnel

- **Protective equipment**: Chemical resistant gloves as needed. Use splash goggles to prevent eye contact as needed.

#### 6.1.2. For emergency responders

- **Protective equipment**: Chemical resistant gloves. Use splash goggles when eye contact due to splashing is possible.

#### 6.2. Environmental precautions

- Avoid discharge to the environment. Prevent entry to sewers and public waters.

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

- **Methods for cleaning up**: Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. For large spills, dike with dirt, then remove by vacuum truck for disposal.

#### 6.4. Reference to other sections

- Refer to sections 8 and 13.
### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling: Avoid contact with skin and eyes.  
Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

#### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures: Provide adequate ventilation.  
Storage condition(s): Store in dry, cool, well-ventilated area; avoid freezing.

#### 7.3. Specific end use(s)

No data available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No data available

#### 8.2. Exposure controls

- **Appropriate engineering controls**: Ensure adequate ventilation.  
- **Personal protective equipment**: For general cleaning and/or use, none required. To minimize contact and when handling and diluting the concentrate wear chemical resistant gloves and protective eye wear.

<table>
<thead>
<tr>
<th>Protection</th>
<th>Measures</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hand protection</td>
<td>Chemical resistant gloves.</td>
</tr>
<tr>
<td>Eye protection</td>
<td>Wear protective eye glasses.</td>
</tr>
<tr>
<td>Skin and body protection</td>
<td>Plastic apron to protect clothing. Wear suitable protective clothing.</td>
</tr>
<tr>
<td>Respiratory protection</td>
<td>Normally not required.</td>
</tr>
</tbody>
</table>

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

- **Physical state**: Liquid  
- **Appearance**: Thin liquid  
- **Colour**: Light yellow  
- **Odour**: No data available  
- **Odour threshold**: No data available  
- **pH**: 1.5 - 2  
- **Relative evaporation rate (butylacetate=1)**: No data available  
- **Melting point**: No data available  
- **Freezing point**: 32 F  
- **Boiling point**: No data available  
- **Flash point**: None  
- **Self ignition temperature**: No data available  
- **Decomposition temperature**: No data available  
- **Flammability (solid, gas)**: No data available  
- **Vapour pressure**: No data available  
- **Relative vapour density at 20 ℃**: No data available  
- **Relative density**: 0.90 - 1.10  
- **Solubility**: Disperses in water  
- **Log Pow**: No data available  
- **Log Kow**: No data available  
- **Viscosity, kinematic**: No data available  
- **Viscosity, dynamic**: No data available  
- **Explosive properties**: Not explosive  
- **Oxidising properties**: Not oxidizing  
- **Explosive limits**: No data available

#### 9.2. Other information

No data available
### SECTION 10: Stability and reactivity

**10.1. Reactivity**
Stable under normal conditions of use.

**10.2. Chemical stability**
Stable under normal conditions of use.

**10.3. Possibility of hazardous reactions**
None known.

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

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

**10.6. Hazardous decomposition products**
None known.

### SECTION 11: Toxicological information

**11.1. Information on toxicological effects**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>LD50 oral rat</td>
<td>&gt; 2000 mg/kg</td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>Causes eye irritation.</td>
</tr>
<tr>
<td>Respiratory or skin sensitisation</td>
<td>Not classified</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Specific target organ toxicity (single exposure)</td>
<td>Not classified</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>Not classified</td>
</tr>
</tbody>
</table>

### SECTION 12: Ecological information

**12.1. Toxicity**
No significant harmful effects anticipated.

**12.2. Persistence and degradability**
No additional information available

**12.3. Bioaccumulative potential**
No additional information available

**12.4. Mobility in soil**
No additional information available

**12.5. Results of PBT and vPvB assessment**
No additional information available

**12.6. Other adverse effects**
No additional information available

### SECTION 13: Disposal considerations

**13.1. Waste treatment methods**
Regional legislation (waste) : Dispose of contents/container to comply with applicable local, national and international regulations.
Waste disposal recommendations : Comply with local regulations for disposal.

### SECTION 14: Transport information
Not classified as dangerous for transport.

### SECTION 15: Regulatory information

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

**15.1.1. EU-Regulations**
Contains no REACH candidate substance

**15.1.2. National regulations**
No data available.
15.2 Chemical safety assessment
CSA has not been established

SECTION 16: Other information
Sources of Key data: SDS, ECHA.
Abbreviations and acronyms:
- ACGIH (American Conference of Government Industrial Hygienists)
- ASTM - American Society for Testing and Materials
- CAS - Chemical Abstracts Service
- CLP - Classification, Labelling and Packaging
- CSR - Chemical Safety Report
- EEC - European Economic Community
- EC - European Community
- GHS - Globally Harmonised System
- HMIS - Hazardous Materials Identification System
- MSDS - Material Safety Data Sheet
- OSHA - Occupational Safety and Health Administration
- Overland transport (ADR)
- PEL - Permissible Exposure Level
- REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals
- RELAT - Relative
- SDS - Safety Data Sheet
- STEL - Short-Term Exposure Limit
- TLV - Threshold Limit Value
- TWA - Time Weighted Average

Full text of R-, H- and EUH-phrases:

<table>
<thead>
<tr>
<th>Acute Tox. 4 (Dermal)</th>
<th>Acute toxicity (dermal) Category 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye Dam. 1</td>
<td>Serious eye damage/eye irritation Category 1</td>
</tr>
<tr>
<td>Skin Irrit. 2</td>
<td>skin corrosion/irritation Category 2</td>
</tr>
<tr>
<td>Skin Corr. 1B</td>
<td>Skin corrosivity, Category 1</td>
</tr>
<tr>
<td>H302</td>
<td>Harmful if swallowed</td>
</tr>
<tr>
<td>H314</td>
<td>Causes severe skin burns and eye damage</td>
</tr>
<tr>
<td>H315</td>
<td>Causes skin irritation</td>
</tr>
<tr>
<td>H318</td>
<td>Causes serious eye damage</td>
</tr>
<tr>
<td>H319</td>
<td>Causes serious eye irritation</td>
</tr>
<tr>
<td>P280</td>
<td>Wear protective gloves/protective clothing/eye protection/face protection.</td>
</tr>
<tr>
<td>P302 + P350</td>
<td>IF ON SKIN: Gently wash with plenty of soap and water</td>
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<td>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.</td>
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</tbody>
</table>

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