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)
Product group : Trade product
Product code : ELB-SCIDEX3C
Part number : ECC-SCIDEX3 series (European labeled product)

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

1.2.1. Relevant identified uses
Use of the substance/preparation : 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 : ![Warning]

Signal Word : Warning
Hazard Statement : H315 – Causes skin irritation
: H319 – Causes serious eye irritation
: P302 + P352 – IF ON SKIN: 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>
</table>
| 1- (+)-lactic acid           | (CAS No.) 79-33-4 (EC no) 201-196-2 | 4% | Skin Irrit. 2, H315 
|                             |                   |    | Eye Dam. 1, H318                                                              |
| Dodecylbenzenesulphonic acid| (CAS No.) 27176-87-0 (EC no) 248-289-4 | < 4% | Acute Tox. 4, H302 
|                             |                   |    | Skin Corr. 1B, H314                                                            |
| Sodium octane-1-sulphonate monohydrate | CAS No.) 5324-84-5 (EC no) 226-195-4 | < 6% | Skin Irrit. 2, H315 
|                             |                   |    | Eye Dam. 1, H319                                                              |

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

<table>
<thead>
<tr>
<th>Precautions for safe handling</th>
<th>Hygiene measures</th>
</tr>
</thead>
<tbody>
<tr>
<td>Avoid contact with skin and eyes.</td>
<td>Handle in accordance with good industrial hygiene and safety practice.</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Technical measures</th>
<th>Storage condition(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Provide adequate ventilation.</td>
<td>Store in dry, cool, well-ventilated area; avoid freezing.</td>
</tr>
</tbody>
</table>

#### 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

<table>
<thead>
<tr>
<th>Appropriate engineering controls</th>
<th>Personal protective equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ensure adequate ventilation.</td>
<td>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.</td>
</tr>
</tbody>
</table>

- Hand protection: Chemical resistant gloves.
- Eye protection: Wear protective eye glasses.
- Skin and body protection: Plastic apron to protect clothing. Wear suitable protective clothing.
- Respiratory protection: Normally not required.

### SECTION 9: Physical and chemical properties

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

<table>
<thead>
<tr>
<th>Physical state</th>
<th>Appearance</th>
<th>Colour</th>
<th>Odour</th>
<th>Odour threshold</th>
<th>pH</th>
<th>Relative evaporation rate (butylacetate=1)</th>
<th>Melting point</th>
<th>Freezing point</th>
<th>Boiling point</th>
<th>Flash point</th>
<th>Self ignition temperature</th>
<th>Decomposition temperature</th>
<th>Flammability (solid, gas)</th>
<th>Vapour pressure</th>
<th>Relative vapour density at 20 °C</th>
<th>Relative density</th>
<th>Solubility</th>
<th>Log Pow</th>
<th>Log Kow</th>
<th>Viscosity, kinematic</th>
<th>Viscosity, dynamic</th>
<th>Explosive properties</th>
<th>Oxidising properties</th>
<th>Explosive limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liquid</td>
<td>Thin liquid</td>
<td>Light yellow</td>
<td>No data available</td>
<td>No data available</td>
<td>1.5 - 2</td>
<td>No data available</td>
<td>No data available</td>
<td>32 °F</td>
<td>No data available</td>
<td>None</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
<td>0.90 - 1.10</td>
<td>Disperses in water</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
</tr>
</tbody>
</table>

#### 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
Acute toxicity : Not classified
LD50 oral rat : > 2000 mg/kg
Serious eye damage/irritation : Causes eye irritation.
Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
Specific target organ toxicity (single exposure) : Not classified
Aspiration hazard : Not classified

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.
- ACGIH (American Conference of Governmental Industrial Hygienists).
- CAS - Chemical Abstracts Service.
- CLP - Classification, Labelling and Packaging.
- CSR - Chemical Safety Report.
- EEC - European Economic Community.
- EC - European Community.
- GHS - Globally Harmonised 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.
- Relative.
- SDS - Safety Data Sheet.
- STEL - Short-Term Exposure Limit.
- TLV - Threshold Limit Value.
- TWA - Time Weighted Average.

Abbreviations and acronyms:
- ACGIH (American Conference of Governmental Industrial Hygienists).
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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>P260</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>
</tr>
<tr>
<td>P305 + P351 + P338</td>
<td>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.</td>
</tr>
</tbody>
</table>

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