1. Identification

1.1. Product identifier
Product Name: Lancerac (LCA-A)

1.2. Relevant identified uses of the substance or mixture and uses advised against
Use: Neutralizing rinse agent

1.3. Details of the supplier of the safety data sheet
Company Name: Lancerac USA, Inc.
Address: 1200 Emma Oaks Trail, Suite 140
Lake Mary, FL 32746

Emergency
24 hour Emergency Telephone No.: Chemtrec: (800) 424-9300
Customer Service: Lancerac USA, Inc.
(407) 327-8486

2. Hazard(s) identification

2.1. Classification of the substance or mixture
Acute Tox. 5: H313 May be harmful in contact with skin. (Not adopted by US OSHA)
Skin Corr. 1B: H314 Causes severe skin burns and eye damage.
Eye Irrit. 2: H319 Causes serious eye irritation.

2.2. Label elements
Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows:

Danger

3. Composition/Information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

<table>
<thead>
<tr>
<th>Ingredient/Chemical Designation</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute sig.</td>
<td>26.50</td>
</tr>
<tr>
<td>CAS Number: 6000064-19-7</td>
<td></td>
</tr>
<tr>
<td>Fluids: Liquid: H373; Solid: H314; &gt;5% C &lt; 90%</td>
<td></td>
</tr>
<tr>
<td>Eye Irrit. 2: H319 10% C &lt; 20%</td>
<td></td>
</tr>
<tr>
<td>Skin Corr. 1B: H314 10% C &lt; 90%</td>
<td></td>
</tr>
<tr>
<td>Skin Irrit. 2: H315 10% C &lt; 25%</td>
<td></td>
</tr>
</tbody>
</table>

In accordance with paragraph (i) of 51801 (253), the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

4. First aid measures

4.1. Description of first aid measures
General
In all cases of doubt, or when symptoms persist, seek medical attention.
Never give anything by mouth to an unconscious person.

Inhalation
Remove to fresh air. Keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

Eyes
Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

Skin
Flush with large quantities of water for 15 minutes. Remove contaminated clothing and shoes. Wash before reuse.
9. Physical and chemical properties

- **Appearance**: Clear Liquid
- **Odor**: Vinegar
- **Odor threshold**: Not Measured
- **pH**: 1.6 - 2.6
- **Melting point / freezing point**: ~22 F
- **Initial boiling point and boiling range**: > 212 F
- **Flash Point**: Not Measured
- **Evaporation rate (Ether = 1)**: Not Measured
- **Flammability (solid, gas)**: Not Applicable
- **Upper/lower Flammability or explosive limits**: Lower Explosive Limit: Not Measured
  Upper Explosive Limit: Not Measured
- **Vapor pressure (Pa)**: > 1 (Air = 1)
- **Vapor Density**: Water based
- **Specific Gravity**: 1.02 - 1.04
- **Solubility in Water**: Complete
- **Partition coefficient n-octanol/water (Log Kow)**: Not Measured
- **Auto-ignition temperature**: Not Measured
- **Decomposition temperature**: Not Measured
- **Viscosity (cSt)**: Not Measured
- **Flammability**: Non-flammable

9.2. Other Information
No other relevant information.

10. Stability and reactivity

10.1. Reactivity
Hazardous Polymerization will not occur.

10.2. Chemical stability
Stable under normal circumstances

10.3. Possibility of hazardous reactions
No data available

10.4. Conditions to avoid
Excessive heat and open flame

11. Toxicological information

**Acute toxicity**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Oral LD50, mg/kg</th>
<th>Skin LD50, mg/kg</th>
<th>Inhalation Vapors LC50, mg/L/4hr</th>
<th>Inhalation Dust/ngavel LC50, mg/L/4hr</th>
<th>Inhalation Gas LC50, ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetic acid (84-99-7)</td>
<td>3,310.0</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
<td>10,000.0</td>
</tr>
</tbody>
</table>

Note: When no route specific LD50 data is available for an acute toxic, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

**Classification**

<table>
<thead>
<tr>
<th>Category</th>
<th>Hazard Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>May be harmful in contact with skin. (Not adopted by US OSHA)</td>
</tr>
<tr>
<td>1B</td>
<td>Causes severe skin burns and eye damage.</td>
</tr>
<tr>
<td>2</td>
<td>Causes serious eye irritation</td>
</tr>
<tr>
<td>3</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>4</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>5</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>6</td>
<td>Not Applicable</td>
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<td>7</td>
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<td>10</td>
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</tr>
<tr>
<td>11</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>12</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

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16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:
H226 Flammable liquid and vapor.
H314 Causes severe skin burns and eye damage.
H319 Causes serious eye irritation.

This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.

All reasonably practicable steps have been taken to ensure this data sheet and the health, safety and environmental information contained in it is accurate as of the revision date. No warranty or representation, express or implied is made as to the accuracy or completeness of the data and information in this safety data sheet. It is the user’s obligation to evaluate and use this product safely and to comply with all applicable laws and regulations.

End of Document