Product and Company Identification

Product Name: CARE (CAPILLARY ARRAY REGENERATION EXCELLENCE)TM Solution
Cat #: CR-100, CR-500
Product Use: For Research Use Only. Not for use in diagnostic procedures
Company: Molecular Cloning Laboratories (MCLAB)
320 Harbor Way
South San Francisco
CA 94080
Telephone: 888-MCLAB-88
650-871-8771
Fax: 650-871-8796

Composition/Information And Ingredients

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>CAS NUMBER</th>
<th>PERCENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>&gt; 90</td>
</tr>
<tr>
<td>Tris(hydroxymethyl) aminomethane hydrochloride</td>
<td>1185-53-1</td>
<td>&lt; 1</td>
</tr>
<tr>
<td>Formamide</td>
<td>75-12-7</td>
<td>&lt; 2</td>
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Hazards Identification

Emergency Overview
Toxic.
May cause harm to the unborn child. Harmful in contact with skin. Readily absorbed through skin. Target organ: Liver. Lungs.
HMIS Rating
Health: 2*
Flammability: 0
Reactivity: 0
NFPA Rating
Health: 2
Flammability: 0
Reactivity: 0
* Additional chronic hazards present.

First Aid Measures:
Eyes: Flush with plenty of water for at least 15 minutes. Seek medical attention if irritation is severe.
Skin: Remove contaminated clothing. Flush skin with water for at least 15 minutes. Contact physician.
Discard contaminated clothing.
Inhalation: Remove to fresh air. If breathing has stopped, give artificial respiration and call a physician.
Ingestion: If conscious, give water to drink. Do not induce vomiting. Never give anything by mouth to an unconscious person. Obtain emergency medical attention.

Fire Fighting Measures

Suitable Extinguishing Media
Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

Specific protective equipment for fire-fighters
Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
Specific hazard(s): Emissions of toxic fumes under fire conditions.

Specific hazards combustible material
Thermal decomposition can lead to release of toxic and corrosive gases/vapors. In the event of fire, cool tanks with water spray.

Accidental Release Measures

CLEAN-UP PROCEDURES: Collect released material for reuse or disposal. Cleanup personnel should wear protective clothing, gloves, and respiratory protection.

Handling And Storage

Handling
User Exposure: Do not breathe vapor. Do not get in eyes, on skin, on clothing. Avoid prolonged or repeated exposure.

Storage
Keep containers tightly closed in a cool, well-ventilated place.

Exposure Controls/Personal Protection

Engineering Measures
Showers, eyewash stations, and ventilation systems.

Personal Protective Equipment
Eye/Face Protection
Chemical safety glasses with side-shields.

Skin Protection
Compatible chemical-resistant gloves.

Respiratory Protection
Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

General Hygiene Measures
Wash contaminated clothing before reuse. Wash thoroughly after handling.

Physical And Chemical Properties

CARE is a colorless liquid with a mild odor.

Stability And Reactivity:

Stability
Stable under recommended storage conditions.

Incompatible Products
Strong oxidizing agents, acids, bases, acid chlorides.
Conditions to Avoid
Heat, flames and sparks.

Hazardous Decomposition Products

Hazardous Polymerization
Hazardous polymerization does not occur.

Toxicological Information:
No data are available for this mixture tested as a whole.

Ecological Information:
Not Determined

Disposal Considerations:
Dispose of CARE in accordance with federal, state and local regulations.

Transportation Information:
Follow all DOT regulations

Other Information
FOR RESEARCH USE ONLY. The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. Since the Company cannot control the actual methods, volumes, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein. THE INFORMATION IN THIS MSDS DOES NOT CONSTITUTE A WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.