**SECTION 1: IDENTIFICATION**

1.1 Product Identifier: HC08001 Elution Fluid Can - TRIS
   - Substances
     - Substance Name: Water (>99.9%) CAS #7732-18-5
     - Substance Name: Tris 25 mM CAS# 77-86-1
     - Substance Name: Tween 20 (0.075%) CAS#9005-64-5
     - Substance Name: Carbon Dioxide CAS# 124-38-9
   
1.2 Relevant Identified Use of the Substance
   - TRIS Elution fluid for use with the InnovaPrep Concentrating Pipette™ (CP-150 and CP Select) as a reagent

1.3 Details of the Supplier of the Safety Data Sheet
   - Supplier: InnovaPrep LLC
     - 132 East Main St
     - Drexel, MO 64742
     - 816-619-3375
     - info@innovaprep.com

1.4 Emergency Telephone Number
   - Emergency Phone: For hazardous or Dangerous Goods incident - spill, leak, fire, exposure, or accident call InnovaPrep Environmental Health and Safety. +1-816-506-2843

**SECTION 2: HAZARDS IDENTIFICATION**

2.1 Classification of the Substance or Mixture
   - Gas under pressure

2.2 Label Elements
   - Signal word: Warning
   - Hazard Statements: All Chemicals are potentially dangerous. They should be handled by specially trained personnel.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

3.1 Substances

3.2 Mixtures
   - Description of the mixture: Aqueous solution of Phosphate-buffered saline under pressure with carbon dioxide (125 psi)
   - Dangerous Components

<table>
<thead>
<tr>
<th>SUBSTANCE NAME</th>
<th>CAS NO.</th>
<th>CONCENTRATION</th>
<th>GHS-US CLASSIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tris 25 mM</td>
<td>77-86-1</td>
<td></td>
<td>Skin irrit. Eye irrit. Metal:</td>
</tr>
<tr>
<td>Tween 20</td>
<td>9005-64-5</td>
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<tr>
<td>Carbon Dioxide</td>
<td>124-38-9</td>
<td></td>
<td>Skin irrit. Eye irrit. Metal:</td>
</tr>
</tbody>
</table>

**SECTION 4 FIRST AID MEASURES**

4.1 Description of First Aid Measures
   - General advice: Standard laboratory practice of wearing laboratory coats and safety glasses. Gloves are recommended.
     - Inhalation: May be harmful if inhaled. Supply fresh air. Consult doctor in case of complaints.
     - Skin contact: May irritate skin. Immediately wash with soap and water.
     - Eye contact: May cause irritation to eyes. Immediately Flush Eyes With Copious Amounts Of Water For At Least 15 Minutes. Assure Adequate Flushing By Separating The Eyelids With Fingers. Call A Physician.
     - Ingestion: Maybe harmful if swallowed. Wash mouth with water and seek medical advice.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed
   - No further information available.

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed
   - No further information available.

**SECTION 5 FIREFIGHTING MEASURES**

5.1 Extinguishing
   - Suitable extinguishing media: Alcohol resistant foam, dry chemical or carbon dioxide. Use measures appropriate to location and situation.
   - Unsuitable extinguishing media: No further information available.
5.2 Special Hazards Arising From The Substance or Mixture
Contents under pressure (carbonated) at 125 psi.

5.3 Precaution for Firefighters
Cans may burst if heated. Prevent contact with skin and eyes. Wear full protective equipment including self-contained breathing apparatus.

SECTION 6 ACCIDENTAL RELEASE MEASURES
6.1 Personal Precautions, Protective Equipment and Emergency Procedures.
No specific measures necessary.

6.2 Environmental Precautions
Dilute with plenty of water.

6.3 Methods and Material for Containment and Cleaning Up
Absorb with liquid-binding material.

SECTION 7 HANDLING AND STORAGE
7.1 Precautions for Safe Handling
Protective measures: Wear laboratory coats, safety glasses and gloves.

7.2 Conditions for Safe Storage, Including Any Incompatibilities
Technical measures and storage conditions:
Recommended storage temperature: Room temperature

7.3 Specific End Uses
Specific end uses:
Test reagent, not for consumption or drug use.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

8.1 Control Parameters

8.2 Controls
Personal protective equipment: The usual precautionary measures are to be adhered to when handling chemicals.
Eye / Face protection: Use safety glasses. Ensure that eyewash stations and safety showers are proximal to the work station.
Skin protection: Gloves and laboratory coat
Respiratory protection: Not applicable

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES
9.1 Information on basic physical and chemical properties.
Appearance
Form: Liquid
Color: Colorless
Odor: Odorless

Safety Data:

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>5-6</td>
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<tr>
<td>Water solubility / Water Miscibility</td>
<td>Fully Miscible</td>
</tr>
<tr>
<td>Melting Point / Range</td>
<td>Not Determined</td>
</tr>
<tr>
<td>Explosive Properties</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Boiling Point / Range</td>
<td>Not Determined</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td>May Intensify Fire, Oxidizer</td>
</tr>
<tr>
<td>Self Igniting</td>
<td>Not Self-igniting</td>
</tr>
<tr>
<td>Explosive Limits</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Upper / Lower Flammability or Explosive Limits</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Density</td>
<td>Not Determined</td>
</tr>
</tbody>
</table>

SECTION 10 STABILITY AND REACTIVITY
10.1 Chemical Stability
Stable under recommended storage conditions.

10.2 Possibility of Hazardous Reactions
Reacts with oxidizing agents, acids.

10.3 Conditions to Avoid
No Data Available.

10.4 Incompatible Materials
No Data Available.
SAFETY DATA SHEET
Trade Name: TRIS Elution Fluid
Product No: HC08001

10.5 Hazardous Decomposition Products
No Data Available.

SECTION 11 TOXICOLOGICAL INFORMATION
11.1 Information on Toxicological Effects
Acute Toxicity: No Data Available.
Skin Corrosion/Irritation: May cause skin irritation.
Eye damage/Irritation: May cause eye irritation.
After Inhalation: May be harmful if swallowed.

SECTION 12 ECOLOGICAL INFORMATION
12.1 Toxicity
Not Data Available.
12.2 Persistence and Degradability
Not Data Available.
12.3 Bioaccumulative Potential
Not Data Available.
12.4 Mobility in Soil
Not Data Available.
12.5 Results of PBT and vPvP Assessment
Not Data Available.
12.6 Other Adverse Effects
Not Data Available.

SECTION 13 DISPOSAL CONSIDERATIONS
13.1 Waste Treatment Methods
Product: Dilute with water and flush to waste.
Container: Dispose according to all federal, state and local applicable regulations. Consult your local or regional authorities.

SECTION 14 TRANSPORT INFORMATION
14.1 Land Transport DOT
Non Hazardous Material
DOT Classification: Consumer Commodity
14.2 Air Transport IATA
Non Hazardous Material.
Aerosols Non-Flammable
UN# 1950
Non-Flammable 2.2
Packing Instructions: Y203

14.3 Sea Transport MTS
Non Hazardous Material.

14.4 Special Precautions for Users
Not Applicable

SECTION 15 REGULATORY INFORMATION
This Safety Data Sheet complies with the requirement of Hazard Communication Standard (CFR29. 1910.1200).

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture.
All components of the product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.
15.2 Chemical Safety Assessment
This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

SECTION 16 OTHER INFORMATION
None

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