1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers

Product Name: PRO-Clean™
Product Number: PRO-100
Brand: Hygiena

1.2 Recommended use and restrictions on use

Identified use: Rapid Protein Residue Test
Restriction on use: Use per manufacturer’s instructions only

1.3 Details of the supplier of the safety data sheet

Company: Hygiena USA
941 Avenida Acaso
Camarillo, CA 93012
USA
Telephone: 805-388-8007
Fax: 805-388-5531
E-mail: info@hygiena.com

1.4 Emergency telephone number

Emergency Phone: 1-888-494-4362

2. HAZARDS IDENTIFICATION

2.1 Hazard Classification:

2.2 Label elements and precautionary statements:
Not a hazardous substance or mixture.

2.3 Hazards not otherwise clarified:
None

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS #</th>
<th>% by Wt</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bicinchoninic Acid Solution (≥1 - &lt; 5%)</td>
<td>Trade secret per Supplier</td>
<td>&lt; 5.0%</td>
</tr>
<tr>
<td>Copper(II) sulfate Pentahydrate</td>
<td>7758-99-8</td>
<td>&lt; 0.2%</td>
</tr>
</tbody>
</table>

FORM: Liquid reagent. When used according to manufacturer’s instructions; the liquid reagents will not come in contact with the operator or sampling location.

4. FIRST AID MEASURES

4.1 Description of first aid measures

4.2 Inhalation:
No need for first aid is anticipated.

4.3 Skin contact:
Wash off with soap and plenty of water. If you are concerned get medical advice.

4.4 Eye contact:
Flush eyes with large amounts of water for at least 15 minutes. Remove contact lenses if easy to do. Continue rinsing. If symptoms persist, get medical attention.

4.5 If swallowed
Rinse mouth with water. If you feel unwell, get medical attention.

4.6 Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in section 2.2 and / or in section 11 Toxicological effects

4.7 Indication of any immediate medical attention and special treatment needed
Not anticipated.
5. **FIRE-FIGHTING MEASURES**

5.1 Extinguishing media
   - Suitable extinguishing media
     Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture
   None inherent in the products. Burning plastic will create carbon and nitrogen oxides.

5.3 Advice for firefighters
   Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information
   No data available

6. **ACCIDENTAL RELEASE MEASURES**

6.1 Personal precautions protective equipment and emergency procedure
   Ensure adequate ventilation. For personal protection see section 8.

6.2 Environmental precautions
   Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up
   Contain spill, collect using commercially available inorganic absorbent material and place in container for disposal according to local regulations (see section 13).

7. **HANDLING AND STORAGE**

7.1 Precautions for safe handling
   Avoid contact with skin and eyes. Do not eat, drink or smoke when using this product. Wash hands after handling.

7.2 Conditions for safe storage, including any incompatibilities
   Store at 2 – 25°C in original packaging. No incompatibilities noted.

7.3 Specific end use(s)
   Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

8. **EXPOSURE CONTROLS/PERSONAL PROTECTION**

8.1 Control parameters
   Components with workplace control parameters
   Contains no substances with occupational exposure limit values

8.2 Exposure controls
   - Appropriate engineering controls
     Handle in accordance with good industrial hygiene and safety practice. Wash hands after use.
   - Personal protective equipment
     - Eye/face protection
       No eye protection required, safety goggles may be used for added protection.
     - Skin/hand protection
       No protective gloves are required, but may be used for added protection. Wash hands after use.
   - Respiratory protection
     Respiratory protection is not required for intended use.
   - Control of environmental exposure
     Do not let product enter drains.

9. **PHYSICAL AND CHEMICAL PROPERTIES**

9.1 Information on basic physical and chemical properties
   a) Appearance
      - Form: Liquid reagent.
      - Color: Bulb is colorless; Tube is pale blue
   b) Odor
      - No data available
   c) Odor Threshold
      - Not applicable
   d) pH
      - 11
9. PHYSICAL AND CHEMICAL PROPERTIES (Continued)

9.1 Information on basic physical and chemical properties

- **e)** Melting point/ freezing point: No data available
- **f)** Initial boiling point and boiling range: No data available
- **g)** Flash point: No data available
- **h)** Evaporation rate: No data available
- **i)** Flammability (solid, gas): Not applicable
- **j)** Upper/lower flammability or explosive limits: No data available
- **k)** Vapour pressure: No data available
- **l)** Vapour density: No data available
- **m)** Specific Gravity: No data available
- **n)** Water solubility: Readily miscible with water
- **o)** Partition coefficient: n-octanol/water: No data available
- **p)** Auto-ignition temperature: Not applicable
- **q)** Decomposition temperature: No data available
- **r)** Viscosity: No data available
- **s)** Explosive properties: No data available
- **t)** Oxidizing properties: No data available

10. STABILITY AND REACTIVITY

10.1 Reactivity
No data available

10.2 Chemical stability
Stable under recommended storage conditions.

10.2 Possibility of hazardous reactions
No data available

10.4 Conditions to avoid
Heat and direct sunlight.

10.5 Incompatible materials
No data available.

10.6 Hazardous decomposition products
Carbon and Nitrogen oxides from burning plastic.

11. TOXICOLOGICAL INFORMATION

**Acute Toxicity**
No data available
Inhalation: No data available
Dermal: No data available

**Skin corrosion/irritation**
No data available

**Serious eye damage/eye irritation**
Causes serious eye irritation, Category 2A

**Respiratory or skin sensitization**
No data available
11. **TOXICOLOGICAL INFORMATION (Continued)**
   - **Germ cell mutagenicity**
     - No data available
   - **Carcinogenicity**
     - IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
   - **Reproductive toxicity**
     - No data available
   - **Specific target organ toxicity - single exposure**
     - No data available
   - **Specific target organ toxicity - repeated exposure**
     - No data available
   - **Aspiration hazard**
     - No data available
   - **Additional Information**
     - RTECS: Not available

12. **ECOLOGICAL INFORMATION**
   - **12.1 Toxicity**
     - No data available
   - **12.2 Persistence and degradability**
     - No data available
   - **12.3 Bioaccumulative potential**
     - No data available
   - **12.4 Mobility in soil**
     - No data available
   - **12.5 Results of PBT and vPvB assessment**
     - PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

13. **DISPOSAL CONSIDERATIONS**
   - **Product**
     - Observe local, State and Federal environmental regulations.
   - **Contaminated packaging**
     - Dispose of as unused product.

14. **TRANSPORT INFORMATION**
   - **DOT (US)**
     - Not dangerous goods
   - **IMDG**
     - Not dangerous goods
   - **IATA**
     - Not dangerous goods
   - No special precautions needed for transport either within or outside premises.

15. **REGULATORY INFORMATION**
   - **Safety, health and environmental regulations/legislation specific for the substance or mixture**
     - No data available
   - **SARA 302 Components**
     - No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
   - **SARA 313 Components**
     - This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
   - **SARA 311/312 Components**
     - Acute Health Hazard.
   - **Massachusetts Right To Know Components**
     - No components are subject to the Massachusetts Right to Know Act.
15. REGULATORY INFORMATION (Continued)
Pennsylvania Right To Know Components
No components are subject to the Pennsylvania Right to Know Act.

New Jersey Right To Know Components
Trade secret per supplier.

California Prop. 65 Components
This product contains no chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

16. OTHER INFORMATION

The information on this SDS is based on information on SDS for ingredients provided by supplier.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Hygiena and its affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.

Preparation Information
Hygiena USA
Product Safety
1-888-494-4362

Issued Date: 5/4/16  Revision: E

End of Safety Data Sheet