HOOKE LABORATORIES, INC.

MATERIAL SAFETY DATA SHEET

Date Prepared: 2012-01-10

SECTION 1 – CHEMICAL PRODUCT/COMPANY INFORMATION

Product Name: Bovine Collagen/CFA Emulsion

Catalog Number: EK-0220

Company: Hooke Laboratories, Inc.
439 South Union Street
Building 2, Suite 210
Lawrence, MA 01843

Technical Information: +1 617 475 5114

Emergency Telephone: +1 617 418 4045

SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight (%)</th>
<th>CAS#</th>
<th>SARA 313</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bovine Type II Collagen</td>
<td>0.1</td>
<td>9007-34-5</td>
<td>No</td>
</tr>
<tr>
<td>Heat-killed Mycobacterium Tuberculosis H37 Ra</td>
<td>0.2 to 0.4</td>
<td>None</td>
<td>No</td>
</tr>
<tr>
<td>Other non-hazardous components:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phosphate buffered saline</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mineral oil</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SECTION 3 – HAZARDS IDENTIFICATION

Caution: The chemical, physical and toxicological properties of this product and the materials used to manufacture it have not been thoroughly investigated. Exercise due care. Proper personal protective equipment is required when handling this product.

HMIS rating: Health: 3
Flammability: 0
Reactivity: 0
SECTION 4 – FIRST AID MEASURES

Accidental injection:
Consult a physician. Incision at the site of injection and flushing with physiological solution may help reduce development of local inflammation.

Oral Exposure:
Consult a physician. If person is conscious, rinse mouth with water.

Inhaled exposure:
Remove to fresh air. If breathing is difficult, consult a physician.

Skin contact:
Wash with soap and flush with copious amounts of water. Remove contaminated clothing or shoes.

Eye exposure:
Flush with copious amounts of water for at least 15 minutes. Ensure adequate flushing by separating the eyelids with fingers. Contact a physician.

SECTION 5 – FIRE FIGHTING MEASURES

Extinguishing media:
Water spray, carbon dioxide, dry chemical powder or appropriate foam.

Firefighting:
Emits toxic fumes under fire conditions. Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Clean with damp sponge or mop.

SECTION 7 - HANDLING AND STORAGE

Handling:
Wear proper personal protection equipment. Avoid inhalation, contact with eyes, skin, or clothing.

Storage:
2 to 4 °C

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection:
   No special protection needed.

Skin Protection:
   Laboratory coat and gloves to prevent contact. Wash hands after handling.

Eye Protection:
   Safety goggles.

Engineering Controls:
   Good general ventilation should be sufficient.

SECTION 9 – PHYSICAL/CHEMICAL PROPERTIES

White, thick, oily liquid.

Partly soluble in water.

SECTION 10 - STABILITY AND REACTIVITY

Stability:
   Components of the product are stable.
   Hazardous polymerization will not occur.

Incompatible materials:
   Strong oxidizing agents.

Hazardous decomposition products:
   CO, CO2, NO, NO₂
   Other hazardous decomposition products may be generated.

SECTION 11 - TOXICOLOGICAL INFORMATION

Toxicological effects of this product have not been investigated.

SECTION 12 - ECOLOGICAL INFORMATION

Ecological effects of this product have not been investigated.

SECTION 13 - DISPOSAL CONSIDERATIONS
Place used syringes and needles in approved sharps container.

Contact an approved biohazard waste disposal service to dispose of this material. Incineration is recommended.

Observe all federal, state, and local environmental regulations when disposing of this product.

SECTION 14 - TRANSPORT INFORMATION

This product is not a hazardous material for any transportation purpose.

SECTION 15 - REGULATORY INFORMATION

EU Additional Classification:
   S: 23-24/25
   Safety Statement: Avoid contact with skin and eyes.

US Classification and label text:
   Caution: The chemical, physical, and toxicological properties of this product have not been investigated. Exercise due caution.

US Regulatory Information:
   SARA Listed: No

Canada Regulatory Information:
   WHMIS Classification:
      This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.
   DSL: No
   NDSL: No

SECTION 16 - OTHER INFORMATION

For research use only. Not for human consumption.

To the best of our knowledge, this information is correct. However, it does not represent any guarantee of the properties of the product, it does not purport to be all inclusive, and it should be used only as a guide. Hooke Laboratories, Inc. does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with due caution. Although certain hazards are described herein, we cannot guarantee that these are the only other hazards which may exist. See http://hookelabs.com/terms.html for additional terms and conditions of sale.