SECTION 1 - PRODUCT AND COMPANY INFORMATION

Product Name                   PluriQ™ SF/FF Human CM Medium
Product Number                 GSM-9200
Company Address                GlobalStem
                                Rockville, MD 20850
Technical Phone:               301-545-0238
Fax:                          301-424-1989

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENT

Hazardous/Non-hazardous Components
The product contains no substances which at their given concentration, are considered to be
hazardous to health

SECTION 3 - HAZARDS IDENTIFICATION

Emergency Overview
The product contains no substances which at their given concentration, are considered to be hazardous to health

Form: Liquid

Principal Routes Of Exposure/Potential Health Effects
<table>
<thead>
<tr>
<th>Route</th>
<th>Effect</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eyes</td>
<td>May cause irritation of the eye.</td>
</tr>
<tr>
<td>Skin</td>
<td>May cause skin irritation.</td>
</tr>
<tr>
<td>Inhalation</td>
<td>No toxicity expected from inhalation.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>No information available</td>
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</tbody>
</table>

Specific Effects
<table>
<thead>
<tr>
<th>Effect</th>
<th>Information Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carcinogenic effects</td>
<td>No information available</td>
</tr>
<tr>
<td>Mutagenic effects</td>
<td>No information available</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
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</tr>
<tr>
<td>Sensitization</td>
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HMIS RATING
<table>
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<tr>
<td>FLAMMABILITY</td>
<td>No information available</td>
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</tbody>
</table>
SECTION 4 - FIRST AID MEASURES

**Eye Contact**
Rinse thoroughly with plenty of water, also under eyelids.

**Skin Contact**
In case of skin contact, immediately wash with plenty of water.

**Inhalation**
If inhaled, remove to fresh air.

**Ingestion**
Give plenty of water, if conscious. If vomiting occurs, wash mouth out. Obtain medical advice.

SECTION 5 - FIRE FIGHTING MEASURES

**Firefighting Equipment**
Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

**Extinguishing Media**
Use means appropriate for surrounding materials

SECTION 6 - ACCIDENTAL RELEASE MEASURES

**Personal Precautions**
Use personal protective equipment

**Methods for Cleaning Up**
Soak up with inert absorbent material

SECTION 7 - HANDLING AND STORAGE

**Handling**
No special handling advice required.

**Storage**
Keep in properly labeled containers.

SECTION 8 - EXPOSURE CONTROLS / PPE

**Exposure Limits**
No information available

**Engineering Controls**
Ensure adequate ventilation, especially in confined areas

**Personal Protective Equipment**

- **Respiratory:** Respiratory protection is not required. In case of insufficient ventilation, wear suitable respiratory equipment
- **Hand:** Protective gloves.
- **Eye:** Safety glasses.
- **Skin and body protection:** Lightweight protective clothing
- **Hygiene Measures:** Handle in accordance with good industrial hygiene and safety.
SECTION 9 - PHYSICAL/CHEMICAL PROPERTIES

Form of Material: Liquid
Boiling Point/Range: No data available
Melting Point/Range: No data available
Flash Point: No data available
Autoignition temperature: No data available
Oxidizing Properties: No data available
Water Solubility: Soluble

SECTION 10 - STABILITY AND REACTIVITY

Stability: Stable
Materials to Avoid: No information available
Hazardous Decomposition Products: No information available
Hazardous Polymerization: Hazardous polymerization will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute Toxicity
LD50 (oral, rat/mouse): No data available
LD50 (dermal, rat/rabbit): No data available
LD50 (inhalation, rat/mouse): No data available

Principle Routes of Exposure/Potential Health Effects
Eyes: No data available
Skin: No data available
Inhalation: No information available.
Ingestion: No data available

Specific Effects
Carcinogenic effects: No information available
Mutagenic effects: No information available
Reproductive toxicity: No information available
Sensitization: No information available

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity Effects: No information available
Mobility: No information available
Biodegradation: Inherently biodegradable
Bioaccumulation: Does not bioaccumulate
SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations

SECTION 14 - TRANSPORT INFORMATION

DOT

| Proper Shipping Name | Not classified as dangerous in the meaning of transport regulations |

IATA

<table>
<thead>
<tr>
<th>Proper Shipping Name</th>
<th>Not classified as dangerous in the meaning of transport regulations</th>
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</thead>
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SECTION 15 - REGULATORY INFORMATION

International Inventories

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<tr>
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<td>Listed</td>
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</tbody>
</table>

US Federal Regulations

SARA 313

This product is not regulated by SARA

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain HAPs

California Proposition 65

This product does not contain chemicals listed under Proposition 65

SECTION 16 - OTHER INFORMATION

This material is sold for research and development purposes only. It is not for any human or animal therapeutic or clinical diagnostic use. It is not intended for food, drug, household, agricultural, or cosmetic use.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. GlobalStem Inc., shall not be held liable for any damage resulting from handling or from contact with the above product as described herein.