Material Safety Data Sheet
according to EC-Regulation No. 1272/2008

updated: 01/2018  Version: 1.0

Section I - Product and Company Information

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Collagen III, human, recombinant (Yeast)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Number</td>
<td>C-69502</td>
</tr>
<tr>
<td>Product Classification</td>
<td>Cell Biology Reagents</td>
</tr>
</tbody>
</table>

Company and Contact Information

PromoCell GmbH
Sickingenstrasse 63/65
69126 Heidelberg
Germany
Phone: +49 6221 – 649 34 0
E-mail: info@promokine.info

Classification of substance or mixture

Not a hazardous substance or mixture.

GHS classification

Does not meet the classification criteria of the EC Directives 67/548/EEC, 1999/45/EC or 1272/2008

GHS labeling

Does not need to be labeled in accordance with EC directives or respective national laws.

Special hazards

None.

Section II - Potential Hazards Information

Ingredients: This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

Section III - Formulation and Ingredients Information

Ingredients:

This product does not contain any hazardous substances at concentrations of 1% or greater. This product is not known to contain carcinogens at a concentration of 0.1% or greater. No MSDS is required.

Section IV - First Aid Measures

In Case of Contact with Eyes

May cause eye irritation. Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

In Case of Accidental Swallowing

No recognized ingestion hazard. If swallowed, rinse the mouth with fresh water, drink plenty of water provided the person is conscious. Get immediate medical attention.

In Case of Inhalation

No recognized inhalation hazard. If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

In Case of Contact with Skin

May cause skin irritation. Immediately flush with plenty of water. Should irritation occur, contact a physician.

Section V – Fire-Fighting Measures

Classification of substance or mixture

The product is non-flammable.

Suitable Extinguishing Media

Water spray, alcohol-resistant foam, dry chemical powder or carbon dioxide.

Special Protective Equipment for Fire-Fighting

If necessary, use self-contained breathing apparatus.

Section VI - Accidental Release Measures

Personal precautions:

Use eye protection, chemical-resistant gloves, and apron. Implement appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

Methods for clean up:

Sweep up, place in bag and hold for disposal. Ventilate area and wash site after material is picked up.

Section VII - Handling and Storage

Handling

Avoid inhalation. Avoid contact with eyes, skin, mucous membranes, and clothing.

Storage

Keep tightly closed. Store at +4°C to -20°C until use.

Additional information

See product data sheet for more information on handling and storage.

Section VIII - Personal Protection and Exposure Control Information
Control parameters: Contains no substances with occupational exposure limit values.

Engineering controls: Ensure adequate ventilation. Use appropriate personal protective work clothing. As a general hygiene measure, wash hands thoroughly after handling.

Eye Protection | Wear appropriate eye protection such as safety glasses or goggles.
Skin Protection | Wear protective chemical-resistant gloves.
Inhalation | Respiratory equipment is not required.
Ventilation | Not required.
Other Protection Equipment | Safety shower and eye bath.

Section IX - Physical and Chemical Properties

| Physical State | Solid, lyophilized powder or liquid (see respective data sheet) |
| Appearance | Thin, invisible film or clear solution |
| Odor | None |
| pH | N/A |
| Vapor Pressure | N/A |
| Vapor Density | N/A |
| Melting/Freezing Point | N/A |
| Flash Point UEL/LEL | Not established |
| Evaporation Rate | Undetermined |
| Flammability | Non-flammable material |
| Solubility | N/A |
| Viscosity | N/A |
| Specific Gravity (water = 1) | N/A |
| Volatile % | N/A |
| Water Content | N/A |
| Decomposition Temperature | Not established |
| Autoignition Temperature | N/A |
| Oxidizing Properties | N/A |
| Explosive Properties | N/A |
| VOC Content | N/A |

Section X - Chemical Stability and Reactivity

Stability | Stable under recommended storage conditions.
Conditions to avoid | Heat and moisture.
Materials to avoid | Strong oxidizing agents.
Hazardous decomposition | None determined.
Hazardous polymerization | Does not spontaneously polymerize.

Section XI - Toxicological Data

Potential health effects:

| Eye contact | May cause eye irritation. |
| Skin contact | May cause skin irritation. May be harmful if absorbed through the skin. |
| Inhalation | May be harmful if inhaled. May be irritating to mucous membranes and upper respiratory tract. |
| Ingestion | May be harmful if swallowed. |
| Carcinogenicity | None. |
| Reproductive toxicity | None. |
| Mutagenicity | None. |
| Sensitization | None. |

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Section XII - Ecological Information
Ecotoxicity: Undetermined
Biodegradability: Undetermined
Mobility: Undetermined
Bioaccumulation: Undetermined

Section XIII - Disposal
Observe all federal, state, and local environmental regulations for disposal. Contact a licensed professional waste disposal service to dispose of this material.

Section XIV - Transport Information
This product is not subject to any transport regulations.

<table>
<thead>
<tr>
<th>DOT Hazard class</th>
<th>Non-hazardous for transport.</th>
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<td>IATA Hazard class</td>
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<tr>
<td>IMDG Hazard class</td>
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Section XV - Classification and Regulatory Information
In accordance to current EC-Regulations this product is exempt from specific labelling requirements.

US Federal and State Regulations:
CERCLA Sections 102a/103 Hazardous Substances (40 CFR Part 302.4): This product is not reportable under 40 CFR Part 302.4.

SARA Title III Section 302 Extremely Hazardous Substances (40 CFR Part 355): This product is not regulated under Section 302 of SARA and 40 CFR Part 355.

SARA Title III Sections 311/312 Hazardous Categorization (40 CFR Part 370): This product is not defined as hazardous by OSHA under 29 CFR Part 1910.1200(d).

SARA Title III Section 313 (40 CFR Part 372): This product does not contain any of the substances on the Toxic Chemicals List in 40 CFR Part 372.

US Inventory/TSCA (Toxic Substances Control Act): Not listed on inventory.


California Proposition 65: Not listed on California’s listing of known or potential carcinogens.

Additional Regulations:
WHMIS Controlled Product 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.

EC Inventory (EINECS/ELINCS): Not determined
Japan Inventory (MII): Not determined
Australia Inventory (AICS): Not determined
Korea Inventory (ECL): Not determined
Canada Inventory (DSL): Not determined
Philippine Inventory (PICCS): Not determined

Section XVI - Other Information / Disclaimer
The information, data, and recommendations contained herein are believed to be accurate but may not be all-inclusive and should only be used as a guide. PromoCell GmbH makes no warranty of any kind whatsoever with respect thereto and disclaims all liability from reliance thereon. We reserve the right to revise this MSDS periodically as new information becomes available.