01 Product and Company Identification

Product name: Gelatin 0.1% solution
Product number: Preclinical grade: 29401
Brand name: CellGenix®
Company: CellGenix GmbH
Street: Am Flughafen 16
ZIP, Town, Country: 79108 Freiburg – Germany
Information: Customer Service
Emergency Call: 0049 761 88889 0

02 Hazards Identification


Hazard description: Not applicable.
Information concerning particular hazards for human and environment: Not applicable.

03 Composition / Information on Ingredient

Substance: Gelatin (Porcine) CAS #: 9000-70-8
Purified water CAS #: 7732-18-5 > 99%
Hazards: No hazardous components contained.

With the exception of purified water, all ingredients are in concentrations of less than 1 %. No relevant substances are in concentration of more than 0.1 %.

04 First Aid Measures

May be harmful if swallowed. May cause irritation. Avoid contact with eyes, skin and clothes. Wash thoroughly after handling. Keep container closed.

Oral exposure: If swallowed, wash out mouth with water. Call physician.
Inhalation exposure: If inhaled, move to fresh air. Call physician.
Dermal exposure: In case of contact, wash off with soap and plenty of water removing all contaminated clothes and shoes.
Eye exposure: In case of contact with eyes, rinse immediately with plenty of water, also under the eyelids, for at least 5 minutes. Call physician.

05 Fire Fighting Measures

Extinguishing media: Water spray, Carbon dioxide, dry chemical powder, appropriate foam
Advice for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, and full protective gear.

06 Accidental Release Measures

Precaution: Exercise appropriate precaution to minimize direct contact (skin, eyes, respiratory system).
Cleaning: Wipe up with damp sponge or mop. Disinfect area.
Environment protect: Wipe up if spilled.

07 Handling and Storage

Handling: Avoid inhalation. Avoid contact with eyes, skin and clothes. Avoid repeated exposure.
Storage: Keep tightly closed. Store at +2 °C to +8 °C. Ship at ambient temperature.
Usage: Cell Culture component. For preclinical or clinical ex vivo use. Not intended for human in vivo application.
08 Exposure Controls /Personal Protection

Control parameters
Exposure limits: This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Engineering controls: Clean Room conditions

Personal Protective Equipment
Eye: Chemical safety goggles
Skin: Protective gloves as minimum hand protection (use Latex or Nitrile 0.1 mm)
General: Wash thoroughly after handling

09 Physical / Chemical Properties

Appearance / Physical state: liquid
Color: Colourless, opaque
Odor: no odor
Melting point: n.a.
Boiling point: n.a.
Flash point: n.a.
Autoignition temp: n.a.
Danger of explosion: none
Density: n.a.
Solubility in H₂O: soluble
pH Value: 5.0-6.0
Flammability: n.a.

10 Stability and Reactivity

Stability: stable
Materials to avoid: strong oxidizing agents
Hazardous polymerization: will not occur
Hazardous decomposition products: nature of decomposition not known

11 Toxicological Information

This product is a potential irritant to eyes, respiratory system and skin. The product may also be harmful if ingested or injected. Complete toxicological properties have not yet been determined.

12 Ecological Information

No data available. No ecological effects expected. Contains no substances known to be hazardous to the environment or that are not degradable in waste water treatment plants.

13 Disposal Considerations

Dispose of in accordance with local regulations. Small amounts can be diluted and disposed in the sink.

14 Transport Information

DOT: no proper shipping name
IATA: non-hazardous for air-transport

15 Regulatory Information

REACH/TSCA, NIOSH/OSHA, MAK/AGS: No reportable substances

16 Other Information

MSDS issued by: CellGenix GmbH, Regulatory Affairs

Warranty:
To the best of our knowledge, the information contained herein is accurate. However, neither CellGenix nor any of its subsidiaries assumes any liabilities whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only ones that exist.