



Material Safety Data Sheet (MSDS)

Serum-Free Cryopreservation Solution for hPSC

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SECTION 1: GENERAL INFORMATION

| | | |
|--------------------------|--|--------------------------|
| Product name | Serum-Free Cryopreservation Solution for hPSC | |
| Catalog number | ST01003-S15, ST01005-S9, ST03002 | |
| Synonyms | Not Applicable | |
| Application of substance | Cell culture | |
| Intended use | For professional use and research purposes only. | |
| Manufacturer | Stemmera Inc., USA | |
| Address | 1751, Fortune Drive, Unit G-2, San Jose, CA 95131 USA | |
| Emergency contact no. | +1-650-776-5670 | Email: info@stemmera.com |

For *in vitro* use. CAUTION: Not for human or animal therapeutic use.

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

The product contains no substances which at their given concentration, are considered to be hazardous to health. We recommend handling all chemicals with caution.

SECTION 3: HAZARDS IDENTIFICATION

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|---------------------------------|---|
| Potential Health Effects | |
| Eyes | May cause irritation |
| Skin | May cause irritation and/or allergic reaction |
| Inhalation | May cause irritation and/or allergic reaction |
| Ingestion | Harmful if swallowed |
| Chronic Effects/Carcinogenicity | Not available |
| OSHA Regulatory Status | Not available |

SECTION 4: FIRST AID MEASURES

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|-------------------|---|
| Eyes | Rinse immediately with copious amounts of water for at least 15 minutes. If symptoms persist, contact physician. |
| Skin | Rinse cautiously with water for several minutes. If symptoms occur, obtain medical advice. |
| Ingestion | Never give anything by mouth to an unconscious person. If symptoms persist, contact a physician. Do not induce vomiting without medical advice. |
| Inhalation | Remove to fresh air. If symptoms persist, call a physician. If not breathing, give artificial respiration. |
| Note to Physician | Treat symptomatically. |

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SECTION 5: FIRE-FIGHTING MEASURES

| | |
|-------------------------------------|---|
| Suitable Extinguishing Media | Water spray. Carbon dioxide (CO ₂). Foam. Dry chemical. |
| Fire Fighting Procedures | Wear self-contained breathing apparatus and protective suit. |

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SECTION 6: ACCIDENTAL RELEASE MEASURES

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| Personal precautions | Wear appropriate protective equipment. |
| Methods for cleaning up | Soak up with inert absorbent material. |

SECTION 7: HANDLING AND STORAGE

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| Handling | Always wear recommended Personal Protective Equipment. No special handling advices are necessary. |
| Storage | Store at -20°C. Keep containers tightly closed when not in use and well-ventilated place. |

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTIONS

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| Exposure Limits: | We are not aware of any national exposure limit. |
|-------------------------|--|

| Personal Protective Equipment | |
|--------------------------------------|--|
| Respiratory protection | Handle the material in well-ventilated areas. In case of insufficient ventilation wear suitable respiratory equipment. |
| Eye protection | Laboratory safety glasses with side-shields or goggles required. |
| Hand protection | Laboratory chemical-resistant gloves required. |
| Skin and body protection | Laboratory protective clothing required. |
| Hygiene measures | Handle in accordance with good industrial hygiene and safety practice. |

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| Environmental Exposure Controls | Prevent product from entering drains. |
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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

| General Information | |
|----------------------------|-------------------|
| Physical State | Liquid |
| Appearance | No Data Available |
| Odor | No Data Available |
| Boiling Point | No Data Available |
| Melting Point | No Data Available |
| Flash Point | No Data Available |
| Autoignition Temperature | No Data Available |
| Oxidizing properties | No Data Available |
| Solubility in Water | Soluble |

The physical properties of this product has not been determined but are believed to be very close to that of water.

SECTION 10: STABILITY AND REACTIVITY

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| | |
|----------------------------------|--|
| Stability | Contact with acids or bleach liberates toxic gases. DO NOT ADD acids or bleach to any liquid wastes containing this product. |
| Conditions to avoid | Sodium hypochlorite. |
| Hazardous decomposition products | None under normal use. |
| Polymerization | No occurrence of hazardous polymerization. |

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity

No toxicology information is available.

| Principle Routes of Exposure | Potential Health Effects |
|------------------------------|---|
| Eyes | May cause eye irritation in susceptible persons. |
| Skin | May cause skin irritation in susceptible persons. |
| Inhalation | May be harmful when inhaled. |
| Ingestion | May be harmful if swallowed. |

| | |
|-----------------------|--|
| Carcinogenic effects | None |
| Mutagenic effects | None |
| Reproductive toxicity | None |
| Sensitization | None |
| Target Organ Effects | No known effects under normal use conditions |

SECTION 12: ECOLOGICAL INFORMATION

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|---------------------|--------------------------|
| Bioaccumulation | Does not bioaccumulate |
| Biodegradation | Naturally biodegradable |
| Ecotoxicity effects | No information available |
| Mobility | No information available |

SECTION 13: DISPOSAL CONSIDERATIONS

Product should be disposed of as potentially biohazardous material. Waste material must be disposed of in accordance with federal, state and local environmental regulations.

SECTION 14: TRANSPORT INFORMATION

IATA

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| Proper shipping name | Not classified as dangerous in the meaning of transport regulations. |
| Hazard class | None |
| Packing group | None |
| Subsidiary Class | None |
| UN-No | None |

SECTION 15: REGULATORY INFORMATION

US Federal Regulations

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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.

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US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

WHMIS Hazard Class

Non-controlled

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

SECTION 16: OTHER INFORMATION

"The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. Since the Company cannot control the actual methods, volumes, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein. THE INFORMATION IN THIS SDS DOES NOT CONSTITUTE A WARRENTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PUPOSE"

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