

Material Safety Data Sheet

According to EC-Regulation No. 1907/2006

Updated 19.05.2017 Version: 02

| Section I Product and Company Information | |
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| Product Name | Fish (rainbow trout) Hepatocytes |
| Product Numbers | FHS-01, FHCS |
| Product Classification | Cell Culture Reagent |
| Company and Contact Information | PRIMACYT Cell Culture Technology GmbH Hagenower Str. 73 19061 Schwerin Federal Republic of Germany Phone: +49 – 385 – 3993 600 E-mail: info@primacyt.de |
| Section II Potential Hazards Information | |
| This product does not contain hazardous ingredients according to Regulation (EC) No 1272/2008. | |
| Section III Formulation and Ingredients Information | |
| Product Name | Fresh and cryopreserved Fish Hepatocytes, in suspension |
| CAS – No. | None |
| EC - No. | None |
| Section IV First Aid Measures | |
| In case of contact with eye | Flush thoroughly with water and contact a physician. |
| In case of accidental swallowing | Rinse mouth with fresh water, provided the person is conscious. Contact a physician. |
| In case of inhalation | Remove to fresh air. Give oxygen if breathing becomes difficult. Contact a physician. |
| In case of contact with skin | Wash the affected area with soap and copious amounts of water. Should irritation occur, contact a physician. |
| Section V Fire Fighting Measures | |
| Suitable extinguishing media | Water spray, Carbon dioxide, dry chemical powder, or appropriate foam. |
| Special protective equipment for fire-fighting | If necessary use self-contained breathing apparatus. |
| Section VI Accidental Release Measures | |
| Methods for cleaning spills | Wear protective gloves and safety glasses. Wipe up spilled product using tissue towels. Place waste in closed containers for disposal. |
| Section VII Handling and Storage | |
| Handling | Avoid contact with eyes, skin, mucous membranes and clothing. |
| Storage | Fresh cells have to be used immediately upon arrival. No storage possible. Cryopreserved cells have to be stored below -130 °C immediately after arrival. |

| Section VIII Personal Protection and Exposure Control Information | |
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| Eye protection | Safety glasses |
| Skin protection | Protective gloves and lab coat |
| Respiratory protection | Not required |
| Ventilation | Not required |
| Other protective equipment | Safety shower and eye bath |

As a general hygiene measure, wash hands thoroughly after handling.

| Section IX Physical and Chemical Properties | |
|---|----------------------------------|
| Physical state | Liquid (FHS-01) or Frozen (FHCS) |
| Appearance | Clear solution |
| pH | 7.2-7.4 |
| Flash point | N/A |
| Oxidizing properties | N/A |
| Explosive properties | N/A |
| Vapor pressure | N/A |

| Section X Chemical Stability and Reactivity | |
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| Product is stable. Hazardous polymerization will not occur. | |

| Section XI Toxicological Data | |
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| To the best of our knowledge, the chemical, physical, toxicological properties have not been thoroughly investigated. May cause skin irritation. May be harmful if absorbed through skin. May cause eye irritation. May be harmful if swallowed. Material may be irritating to mucous membranes upper respiratory tract. | |

| Section XII Ecological Information | |
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| No data available. | |

| Section XIII Disposal | |
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| Follow all federal, state and local environmental regulations for disposal. | |

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

| Section XV Biohazard Warning | |
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| Tissue fractions such as hepatocytes should be considered as potentially biohazardous, and should be treated as biohazards in the laboratory. | |

| Section XVI Classification and Regulatory Information | |
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| In accordance to current EC-Regulations this product is exempt from specific labeling requirements. | |

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

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