

Material Safety Data Sheet

according to EC-Regulation No. 1907/2006

updated: 07/2010

Version: 2.0



Section I - Product and Company Information

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|---------------------------------|---|
| Product Name | HCAEC-c |
| Product Number | C-12221 |
| Product Classification | Cell Culture Reagents |
| Company and Contact Information | PromoCell GmbH Sickingenstrasse 63/65 69126 Heidelberg Germany Phone: +49 6221 - 649 34 0 E-mail: info@promocell.com |

Section II - Potential Hazards Information

This product does not contain hazardous ingredients according to Directive 67/548/EEC.

Section III - Formulation and Ingredients Information

| | |
|--------------|---------|
| Product Name | HCAEC-c |
| CAS - No. | None |
| EC - No. | None |

Section IV - First Aid Measures

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|----------------------------------|--|
| In Case of Contact with Eyes | Flush thoroughly with water and contact a physician. |
| In Case of Accidental Swallowing | Rinse the 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

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| 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

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| Methods for Cleaning Spills | Wear chemical-resistant gloves and safety-goggles. Wipe up spilled product using tissue-towels. Place waste in closed containers for disposal. |
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Section VII - Handling and Storage

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| Handling | Avoid contact with eyes, skin, mucous membranes, and clothing. |
| Storage | Keep tightly closed. Protect from light. Store at -196°C. |

Section VIII - Personal Protection and Exposure Control Information

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|----------------------------|----------------------------|
| Eye Protection | Safety glasses or goggles |
| Protective Gloves | Chemical-resistant gloves |
| Respiratory Protection | Not required |
| Ventilation | Not required |
| Other Protection Equipment | Safety shower and eye bath |

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

Section IX - Physical and Chemical Properties

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|----------------------|----------------|
| Physical State | Liquid |
| Appearance | Clear solution |
| pH | 7.2 - 7.4 |
| Flash Point | N/A |
| Flammability | N/A |
| Oxidizing Properties | N/A |
| Explosive Properties | N/A |
| Vapor Pressure | N/A |

Section X - Chemical Stability and Reactivity

Product is stable. Hazardous polymerization will not occur.

Section XI - Toxicological Data

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 the skin. May cause eye irritation. May be harmful if inhaled swallowed. Material may be irritating to mucous membranes upper respiratory tract.

Section XII - Ecological Information

No data available.

Section XIII - Disposal

Follow all federal, state, and local environmental regulations for disposal.

Section XIV - Transport Information

This product is not subject to any transport regulations.

Section XV - Classification and Regulatory Information

In accordance to current EC-Regulations this product is exempt from specific labelling requirements.

Section XVI - Other Information / Disclaimer

The information, data, recommendations contained herein are believed to be accurate but may not be all-inclusive should only be used as a guide. PromoCell 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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