

MSDS

1. Product Identification / Manufacturer Information

Cat No./Name HBEP / Bladder Epithelial Cells
Description Primary human bladder epithelial cells, cryopreserved
Manufacturer CELLnTEC Advanced Cell Systems AG
Stauffacherstrasse 130 A
3014 Bern, Switzerland
Tel: 0041 31 331 95 82 Fax: 0041 31 331 95 83
info@cellntec.com www.cellntec.com

2. Hazards Information

The product is classified in accordance with Directive 1999/45/EC

Hazards To the best of our knowledge, no toxicity hazards are associated with this product.
GHS-Classification None

3. Composition

Composition Contains 10% DMSO (CAS No: 68-67-5) in aqueous solution. No other hazardous chemicals.
CAS Number None
EC Number None

4. First Aid Measures

Inhalation Move to fresh air.
Skin contact Rinse with fresh water, may cause allergic reaction in sensitized individuals.
Eye contact Rinse thoroughly with plenty of fresh water, also under the eyelids.
Ingestion Flush out the mouth with water. Call a physician.

5. Fire Fighting Measures

Product is not flammable but use appropriate measures to extinguish the product's PETE bottle should it burn.
Suitable extinguishing media: Dry chemical.

6. Accidental Release Measures

Personal precautions Use personal protective equipment. Avoid skin/eye contact, inhalation of vapours.
Clean up Soak up with inert absorbent material.

7. Handling and Storage

Handling Contains biological material. Handle in accordance with good biosafety and hygiene practices.
Storage Store at -196°C (liquid nitrogen).
VbF-Class Not applicable.

8. Exposure Controls / Personal Protection

Personal protective equipment: Lightweight protective clothing.
Respiratory protection Lightweight mask for nose/mouth.
Hand protection Impervious chemical-resistant gloves.
Eye protection Safety glasses with side-shields.

9. Physical and Chemical Properties

| | |
|----------------------|--|
| Form / Appearance | Clear or translucent aqueous solution. |
| Boiling point/range | Approximately 100°C. |
| Melting point/range | No information available. |
| Flash point | No information available. |
| Autoignition temp | No information available. |
| Oxidizing properties | No Information available. |

10. Stability and Reactivity

| | |
|--|--|
| Hazardous decomposition products / Materials to avoid: | No information available. |
| Stability | Stable under normal handling procedures. |
| Dangerous reactions | No information available. |
| Polymerization | Hazardous polymerization does not occur. |

11. Toxicological Information

The toxicology of this material has not been fully tested, however to the best of our knowledge this product contains no hazardous material.

Potential health effects:

| | |
|------------------------|---|
| Skin | DMSO is easily absorbed by skin. May cause skin irritation. |
| Eyes | May cause eye irritation. |
| Inhalation | Material may be irritating to mucous membranes and upper respiratory tract. |
| Ingestion | No information available. |
| Sensitization | No information available. |
| Additional information | No information available. |

12. Ecological Information

No information available.

13. Disposal Consideration

Dispose of in accordance with local regulations.

14. Transport Information

| | |
|----------------------|---|
| Proper shipping name | Not classified as dangerous with regard to transport regulations. |
| Hazard Class | No information available. |
| Subsidiary Class | No information available. |
| Packing group | No information available. |

15. Regulatory Information

This product is classified and labeled in accordance with Directive 1999/45/EC.

EWG Hazard Not dangerous.

Dangerous components requiring special labeling: Not applicable.

16. Other Information

Please see the product datasheet for additional information.

The above information is believed to be correct but does not purport to be all inclusive and should be used only as a guide for experienced personnel. CELLnTEC shall not be held liable for improper use of this product.