

Safety Data Sheet

CellScrew®



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1. Identification

Product identifiers

Product name: CellScrew® 10K, CellScrew® 6K
Product number: GEB-CS-10K, GEB-CS-6K
Brand: Green Elephant Biotech GmbH

Relevant identified uses of the product and uses advised against

Identified uses: Cell culture dish, cultivation of adherent cells
Uses advised against: Avoid the application of excess pressure

Details of the supplier of the safety data sheet

Company: Green Elephant Biotech GmbH
Kerkrader Straße 9
35394 Gießen
Germany
Telephone: -
E-mail: info@greenebt.com

Emergency telephone number

Emergency phone: -

2. Hazards identification

Classification of the substance or mixture: The product contains no hazardous substance.

Other hazards: None



3. Composition/information of ingredients

Mixtures: No components need to be disclosed according to the applicable regulations.

4. First aid measures

If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration.

In case of skin contact: Wash off with soap and plenty of water.

In case of eye contact: Flush eyes with water as precaution.

If swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water.

Indication of any immediate medical attention and special treatment needed: No data available

5. Firefighting measures

Extinguishing media: Suitable extinguishing media. Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.

Special hazards arising from the substance or mixture: Carbon oxides

Advice for firefighters: Wear self-contained breathing apparatus for fire-fighting if necessary.

Further information: No data available



6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Avoid breathing vapors, mist of gas.

Environmental precautions:

Do not let product enter drains.

Methods and material for containment and cleaning up:

Keep in suitable, closed containers for disposal.

7. Handling and storage

Precautions for safe handling:

Normal measures for preventive fire protection.

Conditions for safe storage, including any incompatibilities:

Store in a cool place. Keep package closed in a dry and well-ventilated place. A package which is opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage temperature:

Room temperature

8. Exposure controls/ personal protection

Control parameters:

Components with workplace control parameters.

Exposure controls

Appropriate engineering controls:

General industrial hygiene practice.



Personal protective equipment

Eye/face protection:	Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN
Skin protection:	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.
Body protection:	Impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Respiratory protection:	Respiratory protection not required. For nuisance exposure use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

9. Physical and chemical properties

Information on basic physical and chemical properties

a) Appearance	Form: Flask
b) Odor	no data available
c) Color	translucent
d) pH	no data available
e) Melting point/freezing point	~ 170 °C
f) Initial boiling point and boiling range	no data available
g) Flash point	no data available
h) Evaporation rate	no data available
i) Flammability (solid, gas)	no data available
j) Upper/lower flammability or explosive limits	no data available
k) Vapor pressure	no data available



<i>l) Vapor density</i>	no data available
<i>m) Relative density</i>	no data available
<i>n) Water solubility</i>	no data available
<i>o) Partition coefficient: n-octanol/water</i>	no data available
<i>p) Auto-ignition temperature</i>	no data available
<i>q) Decomposition temperature</i>	no data available
<i>r) Viscosity</i>	no data available
<i>s) Explosive properties</i>	no data available
<i>t) Oxidizing properties</i>	no data available

Other information:

No data available.

10. Stability and reactivity

<i>Reactivity:</i>	No data available
<i>Chemical stability:</i>	No data available
<i>Possibility of hazardous reactions:</i>	No data available
<i>Conditions to avoid:</i>	No data available
<i>Incompatible materials:</i>	No data available
<i>Hazardous decomposition products:</i>	No data available

11. Toxicological information

<i>Acute toxicity:</i>	No data available
<i>Skin corrosion/irritation:</i>	No data available

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Product: **CellScrew®**



<i>Serious eye damage/eye irritation:</i>	No data available
<i>Respiratory or skin sensitization:</i>	No data available
<i>Germ cell mutagenicity:</i>	No data available
<i>Carcinogenicity:</i>	IARC: No component of this product present at level greater than or equal to 0.1 % is identified as probable, possible, or confirmed human carcinogen by IARC.
<i>Reproductive toxicity:</i>	No data available
<i>Specific target organ toxicity → single exposure:</i>	No data available
<i>Specific target organ toxicity → repeated exposure:</i>	No data available
<i>Aspiration hazard:</i>	No data available

Potential health effects

<i>Inhalation:</i>	May be harmful if inhaled. May cause respiratory tract irritation.
<i>Ingestion:</i>	May be harmful if swallowed.
<i>Skin:</i>	May be harmful if absorbed through skin. May cause skin irritation.
<i>Eyes:</i>	May cause eye irritation.

Signs and symptoms of exposure

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

Additional Information:

<i>RTECS:</i>	Not available
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12. Ecological information

<i>Toxicity:</i>	No data available
<i>Persistence and degradability:</i>	No data available
<i>Bioaccumulative potential:</i>	No data available
<i>Mobility in soil:</i>	No data available
<i>Results of PBT and vPv assessment:</i>	No data available
<i>Other adverse effects:</i>	No data available

13. Disposal consideration

Waste treatment methods

<i>Product:</i>	Offer surplus and non-recyclable solutions to a licensed disposal company.
<i>Contaminated packaging:</i>	Dispose of as unused product

14. Transport information

<i>UN number:</i>	ADR/RID: - IMDG: - IATA: -
<i>UN proper shipping name:</i>	ADR/RID: Not dangerous goods IMDG: Not dangerous goods IATA: Not dangerous goods



<i>Transport hazard class(es):</i>	ADR/RID: - IMDG: - IATA: -
<i>Packaging group:</i>	ADR/RID: - IMDG: - IATA: -
<i>Environmental hazards:</i>	ADR/RID: no IMDG Marine Pollutant: no IATA: no
<i>Special precautions for user:</i>	No data available

15. Regulatory information

<i>Safety, health, and environmental regulations/legislation specific for the substance or mixture:</i>	No data available
<i>Chemical safety assessment:</i>	No data available

16. Other information

Research use only

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Our company shall not be held liable for any damage resulting from handling or from contact with the above product. Green Elephant Biotech GmbH shall not be held liable for any damage resulting from handling or from contact with the above product.