

Safety Data Sheet

CellScrew®



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1. Identification

Product identifiers

Product name: CellScrew® 10K, CellScrew® 6K, CellScrew® mini
Product number: GEB-CS-10K, GEB-CS-6K, GEB-CS-mini
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 excessed pressure.

Details of the supplier of the safety data sheet

Company: Green Elephant Biotech GmbH
Kerkrader Straße 9
35394 Gießen
Germany
Telephone: +49 (0) 171 5426529
E-mail: info@greenebt.com

Emergency telephone number

Emergency phone: +49 (0) 171 5426529

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 firefighting 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.

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 166(EU).
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



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

Other information:

No data available.

10. Stability and reactivity

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

11. Toxicological information

Acute toxicity:	No data available
Skin corrosion/irritation:	No data available

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Product: **CellScrew®**



Serious eye damage/eye irritation:	No data available
Respiratory or skin sensitization:	No data available
Germ cell mutagenicity:	No data available
Carcinogenicity:	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP
Reproductive toxicity:	No data available
Specific target organ toxicity → single exposure:	No data available
Specific target organ toxicity → repeated exposure:	No data available
Aspiration hazard:	No data available

Potential health effects

Inhalation:	May be harmful if inhaled. May cause respiratory tract irritation.
Ingestion:	May be harmful if swallowed.
Skin:	May be harmful if absorbed through skin. May cause skin irritation.
Eyes:	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:

RTECS:	Not available
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12. Ecological information

Toxicity:	No data available
Persistence and degradability:	Inherently biodegradable under industrial composting conditions.
Bioaccumulative potential:	Not expected to bioconcentrate or bioaccumulate.
Mobility in soil:	No data available
Results of PBT and vPv assessment:	No data available
Other adverse effects:	No data available

13. Disposal consideration

Waste treatment methods

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

14. Transport information

UN number:	ADR/RID: - IMDG: - IATA: -
UN proper shipping name:	ADR/RID: not dangerous goods IMDG: not dangerous goods IATA: not dangerous goods



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

15. Regulatory information

Safety, health, and environmental regulations/legislation specific for the substance or mixture:	No data available
Chemical safety assessment:	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. Green Elephant Biotech GmbH shall not be held liable for any damage resulting from handling or from contact with the above product.