

Safety Data Sheet

HEK|ONE S Chemically Defined Medium for Stable Expression, w/o L-Glutamine, with Growth Hormones, sterile-filtered

According to Regulation (EC) No. 1907/2006

Revision Date 28.01.2021

Version 000/01.2021

Section 1 Identification of the Substance/Mixture and of the Company/Undertaking

Product Identifiers

Product name: HEK|ONE S Chemically Defined Medium for Stable Expression, w/o L-Glutamine, with Growth Hormones, sterile-filtered

Catalogue No: HEKS-1000ML

REACH No. A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration, or the registration is envisaged for a later registration deadline.

Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Identified uses: Culture medium for mammalian cells.
For Research Use or Further Manufacturing only. Not for direct administration into humans or animals.

Details of the Supplier of the Safety Data Sheet

Company: Capricorn Scientific GmbH
Auf der Lette 13 A
35085 Ebsdorfergrund
Germany

Phone: +49 6424 94464 0

E-Mail: info@capricorn-scientific.com

Emergency Telephone Number

Emergency Phone: During Office Time: +49 6424 94464 0.

Section 2 Hazards Identifications

Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

Label elements

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

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Section 3 Composition/Information on Ingredients

Substances

Chemical description: Mixture

Section 4 First Aid Measures

Description of 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 modifications on the skin, seek medical advice.

In case of eye contact Rinse thoroughly with plenty of water for a sufficient length of time, also under the eyelids, then consult an ophthalmologist immediately. In case of eye irritation consult an ophthalmologist.

If swallowed Never give anything by mouth to an unconscious person. Rinse mouth with water. Do NOT induce vomiting. In case of consumption in large quantities or if symptoms are observed, get medical advice.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

Section 5 Firefighting Measures

Suitable extinguishing media

Water spray. Carbon dioxide (CO₂). Foam. Dry extinguishing powder.

Unsuitable extinguishing media

No information available.

Special hazards arising from the substance or mixture

Due to its non-flammable nature, the product does not present a fire risk under normal conditions of storage, manipulation and use.

Advice for firefighters

Co-ordinate fire-fighting measures to the fire surroundings.

Further information

No data available

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Section 6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment.

Environmental precautions

No special environmental measures are necessary.

Methods and materials for containment and cleaning up

Collect spillage.

Reference to other sections

For disposal see section 13.

Section 7 Handling and Storage

Precautions for safe handling

Avoid inhalation. Avoid contact with eyes, skin and clothing. Use personal protection equipment.

Conditions for safe storage, including any incompatibilities

Keep in properly labelled, tightly closed containers; Store at 2°C to 8°C.

Specific end use(s)

Apart from the uses mentioned in section 1 no other specific uses are stipulated.

Section 8 Exposure Controls/Personal Protection

Control parameters

Ensure adequate ventilation, especially in confined areas. There are no occupational exposure limits for the substances contained in the product.

Exposure controls

Protective and hygiene measures

General health and safety measures.

Eye/face protection

Use equipment for eye/face protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

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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 Regulation (EU) 2016/425 and the standard EN 374 derived from it.

Control of environmental exposure

Environmental exposure controls.

Section 9 Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance	Form: Clear yellow orange solution
Odor	No data available.
pH	7.0-7.5
Melting/freezing point	No data available.
Initial boiling point and range	No data available.
Flash point	Non Flammable.
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Upper/lower flammability or exposure limits	No data available.
Vapor pressure	No data available.
Vapor density	No data available.
Relative density	No data available.
Water solubility	No data available.
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	No data available.
Explosive properties	No data available.
Oxidizing properties	No data available.

Other safety information

No data available

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Section 10 Stability and Reactivity

Reactivity

No known hazardous reactions.

Chemical stability

The product is stable under storage at normal ambient temperatures.

Possibility of hazardous reactions

No known hazardous reactions.

Conditions to avoid

No data available.

Incompatible materials

No data available

Hazardous decomposition products

No known hazardous decomposition products.

Section 11 Toxicological Information

Information on toxicological effects

Acute toxicity

There is no evidence available indicating any toxicity.

Skin corrosion/irritation

No data available.

Serious eye damage/eye irritation

No data available.

Respiratory or skin sensitization

No data available.

Germ cell mutagenicity

No data available.

Carcinogenicity

No data available.

Reproductive toxicity

No data available.

Specific target organ toxicity – single exposure

No data available.

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Specific target organ toxicity – repeated exposure

No data available.

Aspiration hazard

No data available.

Additional Information

No information available.

Section 12 Ecological Information

Toxicity

No data available.

Persistence and degradability

No data available.

Bioaccumulative potential

No

Mobility in soil

No data available.

Results of PBT and vPvB assessment

Non applicable.

Other adverse effects

Not described.

Section 13 Disposal Considerations

Waste treatment methods

Disposal recommendations

The generation of waste should be avoided or minimized as far as possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of according to approved disposal techniques. Disposal of this product, its solutions or of any by-products, shall comply with the requirements of all applicable local, regional or national/federal regulations.

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Section 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 Marine pollutant: no IATA: no

Special precautions for user

No data available.

Section 15 Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Chemical Safety Assessment

For this product a chemical safety assessment was not carried out.

Section 16 Other Information

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.