

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH)

Revision Date: 25.10.2018

Print Date: 25.10.2018

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

Product identifiers

Product name: CHO|ONE E, Expression Medium, w/o Insulin, w/o L-Glutamine, with Pluronic™, sterile-filtered

Catalogue No.: CHOE-500ML (500 ml); CHOE-1000ML (1000 ml)

Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

Laboratory use

Uses advised against

No information available.

Details of the supplier of the safety data sheet

Company: Capricorn Scientific GmbH

Auf der Lette 13 A

35085 Ebsdorfergrund

Germany

Phone: +49 6424 9446420

E-Mail: info@capricorn-scientific.com

Emergency telephone number

Emergency Phone: During Office Time +49 6424 9446420.

SECTION 2 Hazards Identification

Classification of the substance or mixture

Regulation (EC) No. 1272/2008. This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

Label elements

Hazard components for labelling. The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

Other hazards

None.

SECTION 3 Composition/Information on Ingredients

Substances

Chemical characterization: Product does not burn

Synonyms: CHO|ONE E

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

SECTION 4 First Aid Measures

Description of first aid measures

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General information	No special measures are necessary.
Inhalation	Remove person to fresh air and keep comfortable for breathing. If breathing is irregular or stopped, administer artificial respiration.
Skin contact	After contact with skin, wash immediately with plenty of water and soap. If skin irritation occurs: Get medical advice/attention.
Eye contact	Rinse immediately carefully and thoroughly with eye-bath or water. If eye irritation persists: Get medical advice/attention.
Ingestion	Do NOT induce vomiting. Call a doctor. Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person or a person with cramps.

Most important symptoms and effects, both acute and delayed

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

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5 Firefighting Measures

Extinguishing media

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment: Extinguishing powder; Water spray jet; Foam.

Special hazards arising from the substance or mixture

Nature of decomposition products not known.

Advice for firefighters

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

Further information

The product itself does not burn. Use water spray jet to protect personnel and to cool endangered containers.

SECTION 6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Avoid breathing vapors, mist or gas. For personal protection see section 8.

Environmental precautions

Do not let product enter drains.

Methods and materials for containment and cleaning up

Keep in suitable, closed containers for disposal.

Reference to other sections

For disposal see section 13.

SECTION 7 Handling and Storage

Precautions for safe handling

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Advice on safe handling

For precautions see section 2.2.

Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage temperature: +2°C to +8°C.

Specific end uses

A part from the uses mentioned in section 1.2 no other specific uses are stipulated.

SECTION 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 exposures 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).

Control of environmental exposure

Do not let product enter drains.

SECTION 9 Physical and Chemical Properties

Information on basic physical and chemical properties

Physical state:	Liquid.
Colour:	No information available.
Odour:	No information available.
pH-Value:	not applicable.

Changes in the physical state

Melting point:	not determined
Initial boiling point and boiling range:	not determined

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Flash point: not determined
Sustaining combustion: No data available

Flammability

Solid: not determined

Gas: not determined

Explosive properties No information available

Lower explosion limits: not determined

Upper explosion limits: not determined

Auto-ignition temperature

Solid: not determined

Gas: not determined

Decomposition temperature: not determined

Oxidizing properties No information available.

Vapour pressure: not determined

Density: not determined

Water solubility: miscible

Solubility in other solvents No information available.

Partition coefficient: not determined

Viscosity / kinematic: not determined

Vapour density: not determined

Evaporation rate: not determined

Other safety information

No data available

SECTION 10 Stability and Reactivity

Reactivity

This material is considered to be non-reactive under normal use conditions.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

Conditions to avoid

No data available.

Incompatible materials

Strong oxidizing agents.

Hazardous decomposition products

Other decomposition products: No data available.

SECTION 11 Toxicological Information

Information on toxicological effects

Acute toxicity

No data available.

Skin corrosion/irritation

No data available.

Serious eye damage/eye irritation

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No data available.

Respiratory or skin sensitization

No data available.

Germ cell mutagenicity

No data available.

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

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: No data available.

SECTION 12 Ecological Information

Toxicity

No data available.

Persistence and degradability

No data available.

Bioaccumulative potential

No data available.

Mobility in soil

No data available.

Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

Other adverse effects

No data available.

SECTION 13 Disposal Considerations

Waste treatment methods

Advice on disposal

Dispose of waste according to applicable legislation.

Contaminated packaging

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Dispose of waste according to applicable legislation.

SECTION 14 Transport Information

Land transport (ADR/RID)

UN number: No dangerous good in sense of this transport regulation.

UN proper shipping name: No dangerous good in sense of this transport regulation.

Transport hazard class(es): No dangerous good in sense of this transport regulation.

Packing group: No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

UN number: No dangerous good in sense of this transport regulation.

UN proper shipping name: No dangerous good in sense of this transport regulation.

Transport hazard class(es): No dangerous good in sense of this transport regulation.

Packing group: No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

UN number: No dangerous good in sense of this transport regulation.

UN proper shipping name: No dangerous good in sense of this transport regulation.

Transport hazard class(es): No dangerous good in sense of this transport regulation.

Packing group: No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

UN number: No dangerous good in sense of this transport regulation.

UN proper shipping name: No dangerous good in sense of this transport regulation.

Transport hazard class(es): No dangerous good in sense of this transport regulation.

Packing group: No dangerous good in sense of this transport regulation.

Environmental hazards

No.

Special precautions for user

No dangerous good in sense of this transport regulation.

Transport in bulk according to Annex II of Marpol and the IBC Code

No dangerous good in sense of this transport regulation.

SECTION 15 Regulatory Information

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

EU regulatory information

Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16 Other Information

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

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RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

CAS: Chemical Abstracts Service (division of the American Chemical Society)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

CLP: Regulation on Classification, Labelling and Packaging of Substances and Mixtures,

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

EC50: Effect concentration, 50 percent

DNEL: Derived No Effect Level

PNEC: Predicted No Effect Concentration PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.