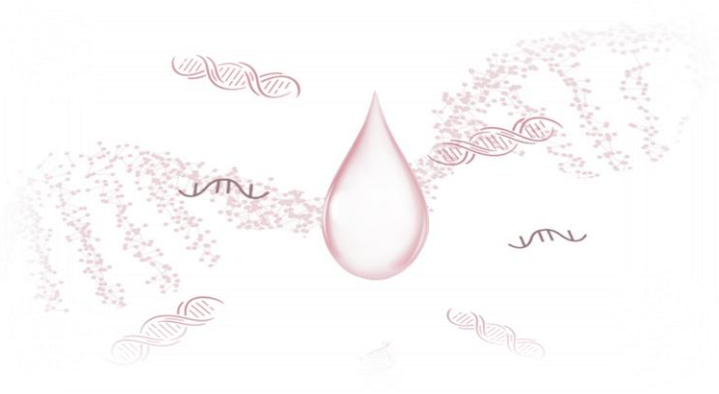


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Safety Data Sheet

According to Regulation (EC) 1907/2006
and Regulation (EU) 2020/878

Section 1: Identification of the substrate/mixture and of the company

1.1. Product identifier:

Product name: wt-cfDNA, in Buffer (with molecule counts)
Product ID (SKU): ND-HMEC1-02
SKU Variations: ND-HMEC1-02_S; ND-HMEC1-02_M; ND-HMEC1-02_L

1.2. Relevant identified uses of the substance or mixture and uses advised against:

cfDNA reference material for quality control in liquid biopsies for total DNA quantification and sizing (Preanalytical phase). For Research Use Only (RUO)!

Not for consumer use and medical treatment!

1.3. Details of the supplier of the safety data sheet:

Manufacturer: CEBIO GmbH
Address: Laplace Straße 23, 81679 Munich, Germany
Distributor: new_diagnostics GmbH, Laboratory
Address: Prellerstraße 14, 01309 Dresden
Responsible person: Ms. Kirsten Simon (MBA)

1.4. Emergency telephone number:

+49 (351) 40288 67 0 on workdays from 8 am till 5 pm

Section 2: Hazards identification

2.1. Classification of the substance or mixture:

Classification according to Regulation (EC) No 1272/2008: No dangerous substance or dangerous mixture.

2.2. Label elements:

The product does not need to be labelled in accordance with the latest EC directives or respective national laws.

Hazard statements: not required
Precautionary statements: not required
Other labelling elements: not required

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2.3. Other hazards:

Physical hazards: harmless
 Specific effects: no carcinogenic effects, no genetic alterations, reproductive toxicity, no sensitization

Section 3: Composition/Information on Ingredients

3.1. Substances:

DNA from human cell line which is well characterized

Tris: < 0,2%

EDTA: < 0,05%

3.2. Mixtures:

No additional ingredients are used which are to be classified as hazardous to human health or to the environment according to the current state of knowledge for the concentrations used.

Section 4: First aid measures

4.1. Description of first aid measures:

General information: No special actions required.
 After inhalation: Move to fresh air.
 After skin contact: Wash with soap and fresh water
 After eye contact: Rinse eye with fresh water.
 After ingestion: Rinse mouth with water. Never give water to an unconscious person. Do not induce vomiting without medical advice. Consult a doctor if required!

4.2. Most important symptoms and effects, both acute and delayed:

The main known symptoms and effects are described on the label (see section 2.2) and / or in chapter 11.

4.3. Indication of any immediate medical attention and special treatment needed:

No data available.

Section 5: Firefighting measures

5.1. Extinguishing media:

Suitable extinguishing media: Water spray, Carbon dioxide (CO₂), foam, dry chemicals.
 Unsuitable extinguishing media: Not available

5.2. Special hazards arising from the substance or mixture:

Hazardous combustion products: No further known.

5.3. Advice for firefighters:

Wear self-contained breathing apparatus and protective clothing.

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Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel: Use personal safety equipment!

For emergency responders: Use personal safety equipment!

6.2. Environmental precautions:

Avoid further leakage or spillage if safe to do so. Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up:

For containment: Prevent further leakage or spillage if safe to do so.

For cleaning up: Soak up with inert absorbent material

6.4. Reference to other sections:

See section 12 for additional information.

Section 7: Handling and storage

7.1. Precautions for safe handling:

Avoid contact with skin, eyes and clothes. Wear personal protective equipment.

7.2. Conditions for safe storage, including any incompatibilities:

Information on storage conditions: Store in a dry, cool and well-ventilated place. Store in properly labelled containers, avoid direct sunlight. Keep container tightly closed until ready for immediate use. Opened containers must be carefully closed and stored upright. Do not store in unmarked containers.

General hygiene considerations: Handle in accordance with good industrial hygiene and safety practice.

7.3. Specific end use(s):

No additional information.

Section 8: Exposure Controls and personal protection

8.1. Control parameters:

No known values.

8.2. Exposure controls:

Appropriate engineering controls: Provide adequate ventilation, especially in confined areas.

Individual protection measures, such as personal protective equipment:

Eye / face protection: Wear safety glasses with side shields

Skin / body protection: Wear suitable protective clothing and gloves.

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Respiratory protection: With aerosol or mist formation. Filter device (EN141) type E against acidic gases.
Heat / Cold protection: No action needed.
Environmental exposure controls: See Section 12

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties:

Parameter	Value/ Test method/ Remarks
Physical state	liquid
Colour	colourless
Odour, odour threshold	no information available
Melting point/ freezing point	not tested
Boiling point or initial boiling point and boiling range	not tested
Flammability	not tested
Lower and upper explosion limit	not tested
Flash point	not tested
Auto-ignition temperature	no information available
Decomposition temperature	no information available
pH	no information available
Kinematic viscosity	no information available
Solubility in water/ other solvents	no information available
Partition coefficient n-octanol/ water (log value)	no information available
Vapour pressure	no information available
Density and/or relative density	no information available
Relative vapour density	no information available
Particle characteristics	no information available

9.2. Other information:

Information with regard to physical hazard classes: No data available
Other safety characteristics: No data available

Section 10: Stability and reactivity

10.1. Reactivity:

Not known under normal environmental conditions

10.2. Chemical stability:

Stable under normal conditions and under the temperature and pressure conditions expected during storage and handling.

10.3. Possibility of hazardous reactions:

No information available.

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10.4. Conditions to avoid:

Do not mix with ammonium oxides (Nox).

10.5. Incompatible materials:

No information available.

10.6 Hazardous decomposition products:

None in normal processing.

Section 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008:

Summaries of the information derived

from the test conducted:	No information available.
Relevant toxicological properties:	No information available.
Information on likely routes of exposure:	No information available.
Symptoms related to the physical, chemical and toxicological characteristics:	No information available.
Delayed and immediate effects as well as chronic effects from short and long-term exposure:	No information available.
Interactive effects:	No information available.
Absence of specific data:	No information available.

11.2 Information on other hazards:

No information available.

Section 12: Ecological Information

12.1. Toxicity:

No information available.

12.2. Persistence and degradability:

The fabric is easily biodegradable.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil:

No information available.

12.5. Results of PBT and vPvB assessment:

No information available.

12.6. Endocrine disrupting properties:

No information available.

12.7. Other adverse effects:

According to 1272/2008/ EC the substance is classified as non-aquatic.

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Section 13: Disposal considerations

13.1. Waste treatment methods:

Information regarding the disposal of the product: No special procedures known. If necessary, clarify with the local disposal companies whether the product used is classified as dangerous.

Information regarding the disposal of the packaging: Disposal according to official regulations.

Physical/chemical properties that may affect waste treatment options shall be specified: No special actions required.

Sewage disposal: No special actions required.

Special precautions for any recommended waste treatment: No special actions required.

Section 14: Transport Information

No special conditions apply.

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance/mixture:

There is no listing in the relevant provisions of the European Union (EU).

National regulations Germany:

Water hazard class: none

Other relevant regulations

REACH Art. 57: is not included

15.2. Chemical safety assessment:

Not available.

Section 16: Other information

The information in this SDS reflects the current state of scientific knowledge and has been compiled to the best of our knowledge. The information contained in this SDS should not be considered complete and is intended as a guide only. All materials and mixtures may present possible unknown hazards and should be used with caution. QD Labs shall not be held liable for any damage resulting from handling or from contact with the product or the ingredients.

Literature:

- Regulation (EC) No 7907/2006 (REACH), as amended by 2015/830 / EU
- Regulation (EC) No 1272/2008 (CLP, EU-GHS)
- Regulation (EU) 2020/878