1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1 Identification of the product

Substance Name: Centri-Pure 96

Gel Filtration Plate, 800 µL Well Volume

Catalogue No.: CP-0101

Index 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.

REACH Registration No.: Not known.

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

Identified use: Laboratory chemical

Uses advised against: Not known.

1.3 Detail of the supplier of the safety data sheet

Company: emp Biotech GmbH

Robert-Roessle-Str. 10

D-13125 Berlin

Telefon: +49-30-9489-2201 (Monday-Friday, 9:00 am-5:00 pm)

Telefax: +49-30-9489-3201

E-Mail: info@empbiotech.com

1.4 Emergency Number

INFOTRAC: +1-352-323-3500 (Phone) or in the US 800-535-5053 (toll-free), 24 hours/day, 7 days/week

2. HAZARDOUS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

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

Not a hazardous substance or mixture according to EC - directives 67/548/EEC or 1999/45/EC.

2.2 Label elements

Label elements according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

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

2.3 Other hazards

None

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Main component of the substance

Substance Name: Zetadex-50 Superfine

(bead formed composite cross-linked dextran, swollen in deionized water)

Synonyms: ZDX, Z-50SF

Formula: No data available

Molecular Weight: No data available

CAS No.: 9041-35-4
4. FIRST AID MEASURES

4.1 Description of first aid measures

*General advice:*
Consult a physician. Show this safety data sheet to the doctor in attendance.

*After inhalation:*
Supply fresh air. If not breathing, give artificial respiration.

*After skin contact:*
Wash off with plenty of water and soap.

*After eye contact:*
Rinse out with plenty of water with the eyelid held wide open (≥10 minutes).

*After swallowing:*
Rinse out mouth and drink a glass of water. Do not induce vomiting. Seek medical advice immediately and show the container or label. Call for a doctor immediately.

4.2 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.

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

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

*Suitable extinguishing media*
CO₂, powder, alcohol-resistant foam, water in large amounts.

*Extinguishing media not to be used*
No data available

5.2 Special hazards arising from the substance or mixture
No data available

5.3 Advice for firefighters
Do not stay in dangerous zone without suitable protection clothing and self-contained breathing apparatus.

5.4 Additional information
No data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Wear protective clothing.

6.2 Environmental precautions
Do not allow to penetrate the ground/soil.

6.3 Methods and materials for containment and cleaning up
Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections
For disposal see section 13.
7. HANDLING AND STORAGE

7.1 Precautions for safe handling
Avoid spillage.

7.2 Conditions for safe storage, including any incompatibilities
Keep container tightly closed in a dry, cool and well-ventilated place.
Do not freeze.
Recommended storage temperature: below 4 to 8 °C.

7.3 Specific end uses
No data available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters
No components with workplace control parameters

8.2 Exposure controls
Appropriate engineering controls
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product.

Personal protection equipment

Respiratory protection: A respiratory is not needed under normal and intended conditions of product use.

Eye protection: Safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Hand protection: Solvent-resistant gloves Gloves must be inspected prior to use. Replace when worn.
The protective gloves to be used must comply with the specifications of EC directive 89/686/EEC and the resultant standard EN374. Due to missing tests no recommendation to the glove material can be given for the product.

Skin and body protection: The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hygiene measures: When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product. Keep working clothes separately.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Important health, safety and environmental information

a) Physical state: White solid suspension in closed filtration plate
b) Odour: no data available
c) Odour Threshold: no data available
d) pH value: 7.4
e) Melting point: no data available
f) Boiling point: no data available
g) Flash point: Product does not sustain combustion.
h) Evaporation rate: no data available
i) Flammability (solid, gas): Not considered to be flammable.
j) Explosion limits: no data available
k) Vapour pressure (20 °C): no data available
l) Vapour density: no data available
m) Relative density (20°C): no data available
n) Solubility in water: no data available
9.2 Other safety information

No data available.

10. STABILITY AND REACTIVITY

10.1 Reactivity

No data available.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

No data available

10.5 Incompatible materials

No data available

10.6 Hazardous decomposition products

Other decomposition products - no data available

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity
No data available

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
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: No known significant effects or critical hazards
Ingestion: No known significant effects or critical hazards
Skin: No known significant effects or critical hazards
Eyes: No known significant effects or critical hazards

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

Other information
RTECS numbers (NIOSH): No data available

12. ECOLOGICAL INFORMATION

12.1 Toxicity
No data available

12.2 Persistence and degradability
No data available

12.3 Bioaccumulative potential
No data available

12.4 Mobility in soil
No data available

12.5 Results of PBT and vPvB assessment
No data available

12.6 Other adverse effects
No data available

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product
Offer surplus and non-recyclable suspension to a licensed disposal company.

Contaminated packaging
Dispose of as unused product.

14. TRANSPORT INFORMATION

14.1 UN number
ADR/RID: Not regulated.
IMDG: Not regulated.
IATA: Not regulated.

14.2 UN proper shipping name
ADR/RID: Not dangerous goods.
IMDG: Not dangerous goods.
IATA: Not dangerous goods.
14.3 Transport hazard class(es)
   ADR/RID:  
   IMDG:  
   IATA:  

14.4 Packaging group
   ADR/RID:  
   IMDG:  
   IATA:  

14.5 Environmental hazards
   ADR/RID: no  
   IMDG Marine pollutant: no  
   IATA: no  

14.6 Special precautions for user
   No data available  

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
   Pollution category (X, Y or Z): -  
   Type of ship (1, 2 or 3): -  

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

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
   No data available  

15.2 Chemical Safety Assessment
   No data available  

16. OTHER INFORMATION
   Used abbreviations and acronyms can be looked up under www.wikipedia.de  
   Full text of the listed hazard classes, hazard categories, hazard symbol code(s) and R-phrase(s) in section 2 to 15
   According to Regulation (EC) No 1272/2008 [EU-GHS/CLP]
   No data available  
   According to European Directive 67/548/EEC or 1999/45/EC
   No data available  
   Additional information
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