SAFETY DATA SHEET
according to Regulation (EC) No. 1907/2006

MagBeads Blood DNA Preparation Kit
Magnetic bead based DNA purification from whole blood

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

Product Name: MagBeads Blood DNA Preparation Kit
Catalog Number: PP-225S; PP-225L
Supplier: Jena Bioscience GmbH
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2. HAZARDS IDENTIFICATION

Classification according to Regulation (EC) No 1272/2008
Acute toxicity, Oral (Category 4), H302
Acute toxicity, Dermal (Category 4), H312
Acute toxicity, Inhalation (Category 4), H332
Skin corrosion (Category 2), H315
Eye irritation (Category 2), H319
Skin sensitisation (Category 1), H317
Specific target organ toxicity - single exposure (Category 3), Respiratory system, H335

Label elements

Pictogram
Signal word Warning

Hazard statement(s)
H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H332 Harmful if inhaled.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H335 May cause respiratory irritation.

Precautionary statement(s)
P260 Do not breathe dust / fume / gas / mist / vapours / spray.
P280 Wear protective gloves / protective clothing / eye protection / face protection.
P301 + P310 + P330 IF SWALLOWED: Immediately call a POISON CENTER or doctor/
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physician. Rinse mouth.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing.
Rinse skin with water/shower.
P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

Supplemental Hazard Statements
none

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms:
Formula:
Molecular Weight:
CAS-No.:
EC number:
Classification: -
Concentration:

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 a precaution.

If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment for fire-fighters
Wear self contained breathing apparatus for fire fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions
Avoid dust formation.
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Environmental precautions
Do not let product enter drains.

Methods and materials for containment and cleaning up
Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE
Handling
Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

Storage
Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Recommended storage temperature: store at ambient temperature

8. EXPOSURE CONTROLS/PERSONAL PROTECTION
Personal protective equipment
Respiratory protection
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection
For prolonged or repeated contact use protective gloves.

Eye protection
Safety glasses

Hygiene measures
General industrial hygiene practice.

9. PHYSICAL AND CHEMICAL PROPERTIES
Appearance
Form:

Safety data
pH:
Boiling point:
Flash point:
Ignition temperature:
Lower explosion limit:
Upper explosion limit:
Water solubility:

10. STABILITY AND REACTIVITY
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Storage stability
Stable under recommended storage conditions.

Materials to avoid
Strong oxidizing agents.

Hazardous decomposition products
Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides (NOx), Oxides of phosphorus, Lithium oxides.

11. TOXICOLOGICAL INFORMATION

Acute toxicity
no data available

Irritation and corrosion
no data available

Sensitisation
no data available

Chronic exposure
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.

Signs and Symptoms of Exposure
Dermatitis

Potential Health Effects
Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.
Skin: May be harmful if absorbed through skin. May cause skin irritation.
Eyes: May cause eye irritation.
Ingestion: May be harmful if swallowed.
Target Organs: Liver, Kidney

12. ECOLOGICAL INFORMATION

Elimination information (persistence and degradability)
no data available

Ecotoxicity effects
no data available

Further information on ecology
no data available
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13. DISPOSAL CONSIDERATIONS
   Product
   Observe all federal, state, and local environmental regulations.

   Contaminated packaging
   Dispose of as unused product.

14. TRANSPORT INFORMATION
   ADR/RID
   Not dangerous goods

   IMDG
   Not dangerous goods

   IATA
   Not dangerous goods

15. REGULATORY INFORMATION
   Labelling according to EC Directives
   The product does not need to be labelled in accordance with EC directives or respective national laws.

16. OTHER INFORMATION
   Further information
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