

Safety Data Sheet for GeneFix™ Saliva DNA Midi Kit GMS-12/GMS-2

Contents:

Proteinase K	Details below.
Solution WB (Wash Buffer)	Low risk.
Solution EB	Low risk.
DNA Columns	No risk.
Collection Tubes	No risk.

Proteinase K

1. Identification of the substance/mixture and of the company/undertaking:

Product details: Trade name: Proteinase K
 Manufacturer/Supplier: Cell Projects Ltd.
 Further Information available from: Cell Projects Ltd., Unit 2 Roebuck Business Park, Ashford Road, Harrietsham, Kent ME17 1AB Tel.: ++44 (0) 1622 763741 Email: info@isohelix.com

2. Hazards identification:

Hazard description: XN Harmful
 R 36/37/38 Irritating to eyes, respiratory system and skin.
 R 42 Irritant - may cause sensitisation by inhalation and skin contact.

3. Composition/information on ingredients:

Chemical name: Proteinase K
 CAS No: 39450-01-6

4. First-aid measures:

After contact with eyes: Immediately flush opened eyes with running water for several minutes.
After contact with skin: Immediately wash skin with soap and copious amounts of water.
After inhalation: Remove to fresh air and monitor breathing. If not breathing give artificial respiration. Call a Doctor.
After swallowing: wash out mouth with water provided person is conscious. Call a Doctor.

5. Fire-fighting measures:

Suitable extinguishing agents: CO₂, powder or water spray.
Protective equipment: Do not inhale combustion gases. Wear self-contained breathing apparatus if necessary.

6. Accidental release measures:

Use personal protective equipment as detailed in section 8. Ensure adequate ventilation. Prevent seepage into drains. Pick up without creating dust and place into a suitable disposal container.

7. Handling and storage:

Ensure adequate ventilation, minimise dust generation. Avoid contact with skin, eyes and clothing. Avoid ingestion and inhalation. Store in a tightly closed container.

8. Exposure controls/personal protection:

Exposure controls: None listed
Personal Protective equipment: Eyes: wear appropriate protective safety goggles.
 Skin: wear appropriate protective gloves.
 Clothing: wear appropriate protective clothing.

9. Physical and chemical properties:

Physical state: Solid. Colour: White. Odour: None
 Solubility in water: Soluble. Other properties: N/A

10. Stability and reactivity:

Stable under normal temperatures and pressures.
 Incompatible materials: strong oxidising agents. No data available on hazardous decomposition products.

11. Toxicological information:

Acute toxicity: No data available.
 Irritant effect: Irritating to eyes, skin, mucous membranes and respiratory tract.
 Sensitisation: May cause sensitisation through inhalation or skin contact.

12. Ecological information:

Not available.

13. Disposal considerations:

Dispose of in a manner consistent with state and local regulations.

14. Transport information:

Non-hazardous for transport.

15. Regulatory information:

European/International Regulations: European labelling in accordance with EC Directives:

Hazard Symbol: XN

Risk phrases: R 36/37/38 Irritating to eyes, respiratory system and skin.

R 42/43 May cause sensitisation by inhalation and skin contact.

Safety phrases: S 22 Do not breathe dust

S 24 Avoid contact with skin

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Water hazard class: generally not hazardous for water.

16. Other information: This information is believed to be accurate and represents the best information based on our present knowledge.

However, this shall not constitute a guarantee or warranty for any specific product feature and in no case shall the company be liable for any claims, losses or damages, including lost profits.