

1. Identification of the substance/preparation and of the company

- Identification of the substance or preparation:

JETSPIN Silica Membrane in Midi-/Maxi centrifugation units („Midi-/Maxi-Spins“)

Order Numbers: ---

- Company identification:

GENOMED Molekularbiologische und diagnostische Produkte GmbH (manufacturer)

Poststr. 22, D-32584 Löhne / Germany

Tel: (49)-(0)5732/904-700; Fax: -7010

- Emergency Adress:

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2. Composition/information on ingredients

Silica membrane made from glass microfibres. Microcentrifugation units made from polypropylene.

3. Hazards identification

Undisturbed fibres constitute low risk. There is an increased risk from disturbing the fibres such that air-bourne particles are generated. Silica microfibres are considered a hazard by inhalation of these particles. Silica microparticles are known to cause silicosis.

OEL: Man-made mineral fibre – MEL 8 hour, TWA 5 mg/m³, STEL 15 min N/A, INHALATION: CHIP: R40:

Possible risk of irreversible effects, CHIP: R36/R37/R38: Irritating to eyes, respiratory system and skin.

4. First aid measures

In case of contact with eyes, rinse immediately with plenty of soap and water and seek medical advice. After contact with skin, wash immediately with plenty of water and soap. In the case of inhalation remove to fresh air. If irritation persists, seek medical attention.

5. Fire-fighting measures

Not inflammable. Does not constitute a fire hazard.

6. Accidental release measures

- Personal precautions such as: Wear rubber or latex gloves, safety goggles and suitable protective clothing.
- Methods for cleaning up such as: Avoid creating dust during cleaning up. Use appropriate vacuum equipment to clean spills. If suitable vacuum is not available, wet thoroughly before cleaning. Dispose of as waste. Use appropriate vacuum equipment to remove fibres from clothes.

7. Handling and storage

Store in clean, dry area. CHIP: S51: Use only in well-ventilated areas. CHIP: S22: Do not breathe dust. Avoid creating dust, CHIP: S24/S25: Avoid contact with skin and eyes.

8. Exposure controls/personal protection

- respiratory protection: Use NIOSH/MSHA approved respirator if silica material is set free.
- hand protection: Rubber or latex gloves.
- eye protection: Safety goggles.
- skin protection: Suitable protective clothing.

See also point 3.

9. Physical and chemical properties

- appearance: Silica: White odorless fibrous material. Micro-Spin: Custom-made plastic unit.
- boiling point: N. I.
- melting point: N. I.
- specific gravity: N. I.
- vapor pressure: N. I.

10. Stability and reactivity

- Stable
- conditions to avoid: Hydrofluoric acid, concentrated sodium hydroxide
- hazardous decomposition products: N. I.

11. Toxicological information

Based on animal implantation and epidemiological studies glass microfibres are thought to have some limited carcinogenic potential and as such are designated as Group 2B materials (IARC, US). The material should be treated as a category 3 carcinogen in Europe.

12. Ecological information

No data available.

13. Disposal considerations

The component should be disposed in accordance with state or local laws.

14. Transport information

Avoid damage to packaging.

15. Regulatory information

Operations which involve further processing, mechanical or otherwise, of glass microfibre materials will lead to increased hazard and may, if applicable, require COSHH or RISK assessment.

Hazard Category: CHIP: R40: Possible risk of irreversible effects. CHIP: R36/R37/R38: Irritating to eyes, respiratory system and skin.

16. Other information

The above-mentioned data correspond to our present state of knowledge and experience. Although utmost care has been taken in the composition of this text, the publisher cannot be hold responsible for any damage resulting from any eventual error in this publication.