

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

- Identification of the substance or preparation:

Ribonuclease A

Order Numbers: GN-RN-50, GN-RN-100

- Company identification:

GENOMED Molekularbiologische und diagnostische Produkte GmbH (manufacturer)

Poststrasse 22, D-32584 Löhne/Germany

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

- Emergency Adress:

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2. Composition/information on ingredients

Ribonucleate 3'-pyrimidino-oligonucleotidohydrolase (CAS-No. 9001-99-4)

3. Hazards identification

Harmful if swallowed. Irritating to eyes, skin and by inhalation. Enzyme powders are dusty substances. Inhalation of the enzyme dust resulting from handling may induce sensitisation and cause allergic reactions in sensitised individuals.

4. First aid measures

In case of contact with eyes, rinse immediately with plenty of water and seek medical advise.

5. Fire-fighting measures

Not inflammable. Choose extinguishing media according to environment conditions. Wear self contained breathing apparatus, approved gas mask and protective clothing to avoid contact with eyes and skin.

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: Wipe up substance immediately and dispose in accordance with state or local laws. Avoid formation of dust. Take up by mechanical means, preferably by a vacuum equipped with a high efficiency filter. Flush carefully with plenty of water. Avoid splashing and high pressure washing. Clean and ventilate the concerning area after complete removal. Wash contaminated clothing.

7. Handling and storage

Avoid formation of dust. Ensure good ventilation of the room when handling this substance. Store solid desiccated at -15°C or below.

8. Exposure controls/personal protection

- respiratory protection: Use respirator with filter, CEN class A2, B2, E2, K2, P3.
- hand protection: Rubber or latex gloves.
- eye protection: Safety goggles.
- skin protection: Suitable protective clothing.

9. Physical and chemical properties

- appearance: White, freeze-dried powder.
- pH: N. I.
- boiling point: N. I.
- melting point: N. I.
- specific gravity: N. I.
- vapor pressure: N. I.

10. Stability and reactivity

- conditions to avoid: None.
- hazardous decomposition products: None.

11. Toxicological information

Inhalation of the enzyme dust resulting from handling may induce sensitisation and cause allergic reactions in sensitised individuals.

12. Ecological information

On regular use no prejudice is to be expected. The substance is readily biodegradable.

13. Disposal considerations

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

14. Transport information

None.

15. Regulatory information

European information:

R: 42

Harmful (Xn). May cause sensitisation by inhalation..

S: 22

Do not breathe dust.

S: 36

Wear suitable protective clothing.

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.