

Reanal Private Ltd.

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1. Identification of the substance and the company

Product name: **N- α -Cbz-D-alanine**CAS-No: **26607-51-2**

EU-No:

REANAL Product Number: **22000**Company identification: **Reanal Private Ltd.**

Address: HUNGARY, H-1147 Budapest, Telepes u. 53.

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2. Hazard statements

Hazard symbols and-signs:

3. Composition / Information on ingredients

Molecular formula: **C₁₁H₁₃NO₄**

CAS No.: 26607-51-2

Relative molecular weight: **223.23**

EU No.:

4. First aid measures

General:

Remove provided person from the exposed area immediately, if necessary make lay him/her comfortable and loosen tight clothing. Cover up injured person, do not allow to cool. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Wash contaminated clothing before reuse. Call a physician!

After swallowing:

If swallowed, wash out mouth with water provided person is conscious.

After inhalation:

Remove to fresh air.

After eye contact:

In case of contact immediately flush eyes with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelid with fingers.

After skin contact:

In case of skin contact, immediately wash skin soap and copious amounts of water.

5. Fire fighting measures

Combustible. Use water spray, carbon dioxide, dry chemical powder, alcohol or polymer foam extinguisher. Emits toxic fumes under fire conditions. Use water spray to cool containers under fire conditions. Use extinguishing media appropriate to surrounding fire conditions.

6. Accidental release measures

Close contaminated area. Do not allow contamination to get to drain. Wear self-contaminated breathing apparatus, rubber boots and heavy rubber gloves according to degree of contamination. Sweep up, place in container and hold for waste disposal. Ventilate area and wash spill site after material pickup is complete.

7. Handling and storage

Keep containers out of use closed. Store in labelled container.

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Storage temperature: **15-25°C**

8. Exposure controls / Personal protection

Exposure controls:

Protective clothing should be selected specifically for the working place, depending on concentrations and quantity of the hazards. Avoid contact with eyes, skin and clothing. Do not breathe vapour. When working do not eat or smoke. Safety shower and eye bath are required. Wash thoroughly after handling. Take care of bathing facilities with warm water after work.

Personal protective equipment:

Protective clothing.

Eye protection:

Chemical safety goggles.

Hand protection:

Chemical-resistant rubber gloves.

Respiration protection:

Gas-mask or respirator.

Specific control parameters

MAK (mg/m³):

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9. Physical and chemical properties

Appearance: **white to off-white powder**
Form: **solid**
Melting point [°C]: **80-95**

10. Stability and reactivity

Incompatibilities:
Strong oxidizing agents.
Decomposition products:
Nitrogen oxides, carbon monoxide, carbon dioxide.

11. Toxicological information

12. Ecological information

WGK (German Water Hazard Classification): **0**

13. Disposal information

Chemicals must be disposed of in compliance with the respective national regulations.

14. Transport information

Not subject to transport regulations.

15. Regulatory information

Safety phrases:

22 Do not breathe dust.
24/25 Avoid contact with skin and eyes.

Labelling according to EC Directives.

16. Other information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Reanal shall not be held liable for any damage resulting from handling or from contact.