

Reanal Private Ltd.

PO Box 54, Budapest, Hungary, H-1441 www.reanal.com
Tel: +36 (1) 467 7519 Fax: +36 (1) 252-1483 E-mail: QA@reanal.hu

Version No: **02**
Date of issue: **19/01/20**

Date of printing: **19.01.2010**

1. Identification of the substance and the company

Product name: **L-Alanine**
Synonyms: **(S)-(+)-Alanine**
CAS-No: **56-41-7**
EU-No: **200-273-8**
REANAL Product Number: **18430**

Company identification: **Reanal Finechemical Co.**

Address: HUNGARY, H-1147 Budapest, Telepes u. 53.
Tel.: (36-1) 467-7500 Fax.: (36-1) 252-1339
E-mail: QA@reanal.hu

3. Hazard statements

Hazard symbols and-signs:

2. Composition / Information on ingredients

Molecular formula: **C₃H₇NO₂**

CAS No.: 56-41-7

Relative molecular weight: **89.09**

EU No.: 200-273-8

4. First aid measures

General:

Remove exposed person from the contaminated area immediately, if necessary make lay him/her comfortable and loosen tight clothing. Remove contaminated clothing and shoes immediately. Wash contaminated clothing before reuse.

After inhalation:

Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

After swallowing:

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

After skin contact:

In case of skin contact, flush with copious amount of water for at least 15 minutes.

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 eyelids with fingers.

5. Fire fighting measures

Not flammable. Use water spray, carbon dioxide, dry chemical powder, alcohol or polymer foam extinguisher. 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

Store in labelled container. Store in a cool dry place.

Storage temperature: **15-25 °C**

8. Exposure controls / Personal protection

L-Alanine

Reanal Private Ltd.

PO Box 54, Budapest, Hungary, H-1441 www.reanal.com
Tel: +36 (1) 467 7519 Fax: +36 (1) 252-1483 E-mail: QA@reanal.hu

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 dust. When working do not eat or smoke. Take care of bathing facilities with warm water after work. Safety shower and eye bath are required. Mechanical exhaust required. Wash thoroughly after handling.

Personal protective equipment:

Protective clothing.

Eye protect:

Chemical safety goggles.

Hand protect:

Chemical-resistant rubber gloves.

Respiration protection:

Respirator.

Specific control parameters

MAK (mg/m³):

