

MATERIAL SAFETY DATA SHEET

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Version 1.2

Section 1 - Product and Company Information

Product Name L-AMINO ACIDS KIT
Product Number LAA21
Brand SIGMA

Company Sigma-Aldrich
Address 3050 Spruce Street
SAINT LOUIS MO 63103 US

Technical Phone: 800-325-5832
Fax: 800-325-5052
Emergency Phone: 314-776-6555

Section 2 - Composition/Information on Ingredient

Substance Name	CAS #	SARA 313
L-AMINO ACIDS KIT	None	No

The hazards identified with this kit are those associated with the following substances. For additional information, please refer to the individual material safety data sheet(s).

Kit Components:

L(+)-ALANINE
L(+)-ARGININE MONOHYDROCHLORIDE
L-ASPARAGINE ANHYDROUS
L-ASPARTIC ACID
CYSTEINE HYDROCHLORIDE ANHYDROUS
L-CYSTINE
L-GLUTAMIC ACID
L-GLUTAMINE
GLYCINE
L(+)-HISTIDINE MONOHYDROCHLORIDE-1-HYDRATE
L(-)-HYDROXY-4 PROLINE 99%
L(+)-ISOLEUCINE
L(+)-LEUCINE
LYSINE, MONOHYDROCHLORIDE, L-
L(+)-METHIONINE
L(-)-PHENYLALANINE
L(-)-PROLINE
L(+)-SERINE
L(-)-THREONINE
L(-)-TRYPTOPHAN
L-TYROSINE
L(+)-VALINE

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

Harmful.

Harmful if swallowed. Irritating to eyes, respiratory system and skin.

HMIS RATING

HEALTH: 2
FLAMMABILITY: 0
REACTIVITY: 0

NFPA RATING

HEALTH: 2
FLAMMABILITY: 0
REACTIVITY: 0

Section 14 - Transport Information

DOT

Proper Shipping Name: None
Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

IATA

Non-Hazardous for Air Transport: Non-hazardous for air transport.

Section 15 - Regulatory Information

EU ADDITIONAL CLASSIFICATION

Symbol of Danger: Xn
Indication of Danger: Harmful.
R: 22-36/37/38
Risk Statements: Harmful if swallowed. Irritating to eyes, respiratory system and skin.
S: 26-36
Safety Statements: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing.

US CLASSIFICATION AND LABEL TEXT

Indication of Danger: Harmful.
Risk Statements: Irritating to eyes, respiratory system and skin. Harmful if swallowed.
Safety Statements: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing.

UNITED STATES REGULATORY INFORMATION

SARA LISTED: No

Section 16 - Other Information

DISCLAIMER

For R&D use only. Not for drug, household or other uses.

WARRANTY

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Inc., shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale. Copyright 2007 Sigma-Aldrich Co. License granted to make unlimited paper copies for internal use only.