

Material Safety Data Sheet

according to ANSI Z400.1-2004

L-Homocysteine

Print date: 22.02.2013

Product code: 2200

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**Product identifier**

L-Homocysteine

Further trade names

Butyric acid, 2-amino-4-mercapto-, L-

Synonyms:

(S)-Homocysteine, (S)-2-Amino-4-mercaptobutanoic acid; Butanoic acid, 2-amino-4-mercapto-, (S)-

Chemical characterization (substance)

Butyric acid, 2-amino-4-mercapto-, L-

CAS No: 6027-13-0

Details of the supplier of the safety data sheet

Company name: ABX advanced biochemical compounds
Biomedizinische Forschungsreagenzien GmbH

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Place: D-01454 Radeberg

Telephone: +49 3528 4041 60 Telefax: +49 3528 4041 65

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Internet: http://www.abx.de

Emergency telephone: +49 3528 4041 60**SECTION 2: Hazards identification****Route(s) of Entry****Signs and Symptoms of Exposure**

Carcinogenicity (NTP):

Carcinogenicity (IARC):

Carcinogenicity (OSHA):

SECTION 3: Composition/information on ingredients**Substances**

Sum formula: C₄H₉NO₂S

Molecular weight: 135.18

Hazardous components

CAS No	Components	Quantity
6027-13-0	L-Homocysteine	95 - 100 %

SECTION 4: First aid measures**Description of first aid measures****SECTION 5: Firefighting measures**

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Extinguishing media

SECTION 6: Accidental release measures

SECTION 7: Handling and storage

Precautions for safe handling

Conditions for safe storage, including any incompatibilities

Further information on storage conditions

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SECTION 8: Exposure controls/personal protection

Control parameters

Exposure controls

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state:

Color:

Test method

Changes in the physical state

Melting point:

230 - 240 °C

SECTION 10: Stability and reactivity

Stability:

Stable

Possibility of Hazardous Reactions:

Will not occur

SECTION 11: Toxicological information

Information on toxicological effects

SECTION 12: Ecological information

SECTION 13: Disposal considerations

Waste treatment methods

SECTION 14: Transport information

SECTION 15: Regulatory information

U.S. Regulations

SECTION 16: Other information

Hazardous Materials Information Label (HMIS)

Health: 1

Flammability: 1

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Physical Hazard: 1

Personal Protection: C

NFPA Hazard Ratings

Health: 1

Flammability: 1

Reactivity:

Unique Hazard:

