

Material Safety Data Sheet

according to ANSI Z400.1-2004

L-Homocysteine thiolactone hydrochloride

Print date: 15.03.2013

Product code: 2210

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

L-Homocysteine thiolactone hydrochloride

Further trade names

2(3H)-Thiophenone, 3-aminodihydro-, hydrochloride, (3S)-

Synonyms:

2(3H)-Thiophenone, 3-aminodihydro-, hydrochloride, (S)-; 2(3H)-Thiophenone, 3-aminodihydro-, hydrochloride, L-

Chemical characterization (substance)

2(3H)-Thiophenone, 3-aminodihydro-, hydrochloride, (3S)-

CAS No: 31828-68-9

Details of the supplier of the safety data sheet

Company name:	ABX advanced biochemical compounds	
	Biomedizinische Forschungsreagenzien GmbH	
Street:	Heinrich-Gläserstraße 10-14	
Place:	D-01454 Radeberg	
Telephone:	+49 3528 4041 60	Telefax: +49 3528 4041 65
e-mail:	info@abx.de	
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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: C₄H₇NOS · HCl

Molecular weight: 153.63

SECTION 4: First aid measures**Description of first aid measures****SECTION 5: Firefighting measures****Extinguishing media****SECTION 6: Accidental release measures**

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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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8

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:

185 - 191 °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
Physical Hazard:	1
Personal Protection:	C

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NFPA Hazard Ratings

Health:	1
Flammability:	1
Reactivity:	1
Unique Hazard:	

