

Material Safety Data Sheet

according to ANSI Z400.1-2004

Dimethylaminoethanol

Print date: 25.02.2013

Product code: 6100

Page 1 of 4

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

Product identifier

Dimethylaminoethanol

Further trade names

Ethanol, 2-(dimethylamino)-

Synonyms:

2-(Dimethylamino)ethanol; beta-(Dimethylamino)ethanol; 2-(Dimethylamino)ethyl alcohol; 2-(N,N-Dimethylamino)ethanol; Dimethyl(2-hydroxyethyl)amine; Dimethyl(hydroxyethyl)amine; Dimethylethanolamine; N,N-Dimethyl(2-hydroxyethyl)amine; N,N-Dimethyl-beta-hydroxyethylamine; N,N-Dimethylethanolamine; N,N-Dimethyl-N-(beta-hydroxyethyl)amine; Norcholine

Chemical characterization (substance)

Ethanol, 2-(dimethylamino)-

CAS No: 108-01-0

Index No: 603-047-00-0

EC No: 203-542-8

Details of the supplier of the safety data sheet

Company name: ABX advanced biochemical compounds
Biomedizinische Forschungsreagenzien GmbH

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SECTION 2: Hazards identification

Route(s) of Entry

Signs and Symptoms of Exposure

Carcinogenicity (NTP): Es liegen keine Informationen vor.

Carcinogenicity (IARC): Es liegen keine Informationen vor.

Carcinogenicity (OSHA): Es liegen keine Informationen vor.

SECTION 3: Composition/information on ingredients

Substances

Sum formula: C₄H₁₁NO

Molecular weight: 89.14

Hazardous components

CAS No	Components	Quantity
108-01-0	2-dimethylaminoethanol, N,N-dimethylethanolamine	95 - 100 %

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Page 2 of 4

SECTION 4: First aid measures

Description of first aid measures

SECTION 5: Firefighting measures

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

15

25

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

pH-Value (at 20 °C):

10,5 - 11,0

Changes in the physical state

Boiling point:

132 - 135 °C

Flash point:

39 °C DIN EN ISO 1523

Lower explosion limits:

1,4 vol. %

Upper explosion limits:

12,2 vol. %

SECTION 10: Stability and reactivity

Stability:

Stable

Possibility of Hazardous Reactions:

Will not occur

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

SECTION 12: Ecological information

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Page 3 of 4

SECTION 13: Disposal considerations**Waste treatment methods****SECTION 14: Transport information****US DOT 49 CFR 172.101****Proper shipping name**

2-Dimethylaminethanol

ID Number: 2051

Hazard Class or Division: 8 (3)

Packing group: II

Label:

Land transport (ADR/RID)**UN number:** 2051**UN proper shipping name:** 2-Dimethylaminoethanol**Transport hazard class(es):** 8 (3)**Packing group:** II

Hazard label: 8 (3)

Inland waterways transport**UN number:** 2051**UN proper shipping name:** 2-Dimethylaminoethanol**Transport hazard class(es):** 8 (3)**Packing group:** II

Hazard label: 8 (3)

Marine transport**UN number:** 2051**UN proper shipping name:** 2-Dimethylaminoethanol**Transport hazard class(es):** 8 (3)**Packing group:** II

Hazard label: 8 (3)

Air transport**UN/ID number:** 2051**UN proper shipping name:** 2-Dimethylaminoethanol**Transport hazard class(es):** 8 (3)**Packing group:** II

Hazard label: 8 (3)

SECTION 15: Regulatory information**U.S. Regulations****SECTION 16: Other information****Hazardous Materials Information Label (HMIS)**

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Page 4 of 4

Health: 2
Flammability: 3
Physical Hazard: 1
Personal Protection: C

NFPA Hazard Ratings

Health: 2
Flammability: 3
Reactivity: 1
Unique Hazard:

