

Material Safety Data Sheet

according to ANSI Z400.1-2004

Pentadecylmagnesium bromide 0.5 M in diethyl ether

Print date: 14.01.2013

Product code: 831(X).XXXX

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

Pentadecylmagnesium bromide 0.5 M in diethyl ether

Chemical characterization (Mixture)

Pentadecylmagnesium bromide 0.5M in diethyl ether

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

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**Mixtures**

Sum formula: C₁₅H₃₁BrMg

Molecular weight: 315,62

Hazardous components

CAS No	Components	Quantity
60-29-7	diethyl ether; ether	80 - 85 %
78887-70-4	Pentadecylmagnesium bromide	20 - 25 %

SECTION 4: First aid measures**Description of first aid measures****SECTION 5: Firefighting measures****Extinguishing media****Special hazards arising from the substance or mixture****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

2
8

SECTION 8: Exposure controls/personal protection

Control parameters

Exposure limits

CAS No	Components	ppm	mg/m ³	fib/cc	Category	Origin
60-29-7	Ethyl ether	400	1200		TWA (8 h)	PEL

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

Boiling point:

35 °C

Flash point:

- 40 °C

Density (at 20 °C):

0,793 g/cm³

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

US DOT 49 CFR 172.101

Proper shipping name

Organometallic substance, liquid, water-reactive, flammable (Diethylether,
Pentadecylmagnesiumbromide)

ID Number:

3399

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Hazard Class or Division: 4.3 (3)

Packing group: I

Label:

Land transport (ADR/RID)

UN number: 3399

UN proper shipping name: Organometallic substance, liquid, water-reactive, flammable (Diethylether, Pentadecylmagnesiumbromide)

Transport hazard class(es): 4.3 (3)

Packing group: I

Hazard label: 4.3 + 3

Inland waterways transport

UN number: 3399

UN proper shipping name: Organometallic substance, liquid, water-reactive, flammable (Diethylether, Pentadecylmagnesiumbromide)

Transport hazard class(es): 4.3(3)

Packing group: I

Marine transport

UN number: 3399

UN proper shipping name: Organometallic substance, liquid, water-reactive, flammable (Diethylether, Pentadecylmagnesiumbromide)

Transport hazard class(es): 4.3 (3)

Packing group: I

Marine pollutant: no

Air transport

UN/ID number: 3399

UN proper shipping name: Organometallic substance, liquid, water-reactive, flammable (Diethylether, Pentadecylmagnesiumbromide)

Transport hazard class(es): 4.3 (3)

Packing group: I

SECTION 15: Regulatory information

U.S. Regulations

SECTION 16: Other information

Hazardous Materials Information Label (HMIS)

Health: 1

Flammability: 3

Physical Hazard: 2

Personal Protection: C

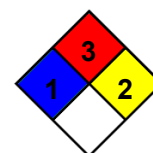
NFPA Hazard Ratings

Health: 1

Flammability: 3

Reactivity: 2

Unique Hazard:



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(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)