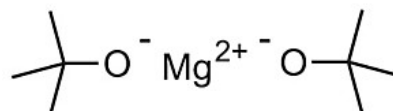


TECHNICAL DATA SHEET

Date of Issue: 2017/09/06

Magnesium tert-Butoxide, powder

CAS-No.	32149-57-8
EC-No.	250-931-3
REACH No.	01-2119919040-53
Molecular Formula	$C_8H_{18}MgO_2$
Product Number	408454



APPLICATION	Deprotonation reactions in organic syntheses.
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SPECIFICATION

Magnesium tert-Butoxide: min. 92 %

METHOD OF ANALYSIS

Acidimetric titration of the hydrolyzed product for the determination of the total base. Detailed description available on request.

PHYSICAL PROPERTIES

Appearance	powder
Color	white to light gray
Bulk density	ca. 300 kg/m ³
Water solubility	(Not applicable)
Molecular weight	170.53 g/mol

The information presented herein is believed to be accurate and reliable, but is presented without guarantee or responsibility on the part of Albemarle Corporation and its subsidiaries and affiliates. It is the responsibility of the user to comply with all applicable laws and regulations and to provide for a safe workplace. The user should consider any health or safety hazards or information contained herein only as a guide, and should take those precautions which are necessary or prudent to instruct employees and to develop work practice procedures in order to promote a safe work environment. Further, nothing contained herein shall be taken as an inducement or recommendation to manufacture or use any of the herein materials or processes in violation of existing or future patent.

Technical data sheets may change frequently. You can download the latest version from our website www.albemarle-lithium.com. Please contact us at www.albemarle-lithium.com/contact with questions.

HANDLING & STORAGE

Handling	Magnesium tert-Butoxide should be handled under inert gas atmosphere. Avoid contact with eyes, skin and clothes as well as inhalation. Magnesium tert-Butoxide decomposes in contact with humidity. Pay also attention to the Safety Data Sheet.
Storage	Magnesium tert-Butoxide should be stored in tightly closed containers under exclusion of humidity at gentle temperatures. Keep also attention to the Safety Data Sheet.

TRANSPORT & PACKAGING

UN number 3205

ADR	Class: 4.2	PG: II	Label: 4.2
RID	Class: 4.2	PG: II	Label: 4.2
IMDG	Class: 4.2	PG: II	Label: 4.2
IATA_C	Class: 4.2	PG: II	Packing instruction (cargo aircraft): 470
IATA_P	Class: 4.2	PG: II	Packing instruction (passenger aircraft): 467

Hazard pictograms



Signal Word	Warning
H&P Phrases	See Safety Data Sheet
Labelling	The labelling is according to EU-GHS classification ((EG) 1272/2008) and may vary in other countries. Please refer to the respective Safety Data Sheet for your country.

Packaging

Inner packaging: PE-bags up to 10 kg net.

Outer packaging: 30 or 220 l open lid steel drums with 10 or 50 kg net.

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OTHER INFORMATION

Further Related Documents Safety Data Sheet

Our brochure(s) Alkoxides, Trifold - Specialties for Deprotonation

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