Magnesium tert-Butoxide, powder

CAS-No. 32149-57-8
EC-No. 250-931-3
REACH No. 01-2119919040-53
Molecular Formula C₈H₁₈MgO₂
Product Number 408454

APPLICATION
Deprotonation reactions in organic syntheses.

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/m³
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**

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**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.
OTHER INFORMATION

Further Related Documents
Safety Data Sheet
Our brochure(s)
Alkoxides, Trifold - Specialties for Deprotonation