

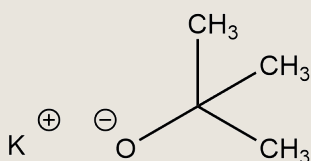
Product Information

Potassium tert.-Butylate Powder

KTB powder

CAS NUMBER

865-47-4



PRODUCT DESCRIPTION

- Powder form of potassium tert.-butylate
- Very strong base with low nucleophilicity
- Commonly used in organic synthesis and as a catalyst in polymerization reactions.

Typical Properties

Property	Unit	Value
Appearance		White to slightly yellow powder
Chemical Name		Potassium tert-butoxide
Melting Point	°C	257
Molar Mass	g/mol	112.2

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

Very strong organic base with very high alkalinity and very low nucleophilicity, ideal for selective deprotonation under water-free conditions without the nucleophilic addition of the alcohol.

Powder for solvent-free conditions.

Product Composition

Product Composition	Unit	Value
Effective Product Content	wt%	≥97
Calculated		
Total Alkalinity	wt%	≥99
Titration		

The data represents typical values (no product specification)

BENEFITS & ADVANTAGES

- Free flowing powder
- Very high purity
- Very strong base, selective and specific in many organic reactions, stronger base than primary and secondary alcoholates
- Custom packaging available

PACKAGING

2 x 5 kg PE bags in drums

5 x 10 kg PE bags in drums

STORAGE

Dry and cool (at ambient temperature)

SHELF LIFE

Recommended re-test of the product 18 months after production in originally sealed packaging. Re-test is recommended after 6 months for products without subpackaging.

HAZARDOUS SUBSTANCE

Reacts very quickly with oxygen, moisture and carbon dioxide from the air. Risk of fire in contact with air. See MSDS for further information.

Registration Listings

Registry	Status
EU (EINECS/ELINCS)	Yes

Registration Listings

Registry	Status
USA (TSCA)	Yes

Disclaimer

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