

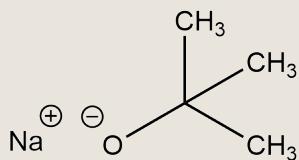
Product Information

Sodium tert.-Butylate Powder

C₄H₉NaO - NTB powder

CAS NUMBER

865-48-5



PRODUCT DESCRIPTION

- Powder form of sodium tert.-butylate
- 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		Sodium tert-butylate
Molar Mass	g/mol	96.1

The data represents typical values (no product specification)

Product Composition

Product Composition	Unit	Value
Effective Product Content	wt%	≥97
NaOH + Na ₂ CO ₃ Content, max.	wt%	1
Karl-Fischer titration		
Total Alkalinity	wt%	≥99

The data represents typical values (no product specification)

BENEFITS & ADVANTAGES

- Free flowing powder
- Very high purity, low hydroxyl content
- Very strong base, stronger base than primary and secondary alcoholates
- Selective and specific in many organic reactions
- 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.

TYPICAL APPLICATIONS

Strong organic base with very low nucleophilicity, ideal for selective deprotonation under water-free conditions without the nucleophilic addition of the alcohol.

Powder for solvent-free conditions.

Disclaimer

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