

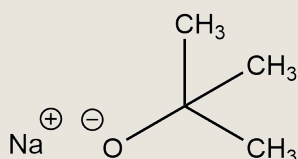
## Product Information

# Sodium tert.-Butylate Powder

C<sub>4</sub>H<sub>9</sub>NaO - 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-butoxide
Molar Mass	g/mol	96.1

The data represents typical values (no product specification)

## 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.

### Product Composition

Product Composition	Unit	Value
Effective Product Content	wt%	≥97
NaOH + Na <sub>2</sub> CO <sub>3</sub> 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.

#### Disclaimer

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