

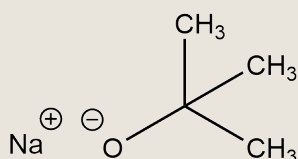
Product Information

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
Bulk Density	g/cm ³	0.5-0.58
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
Calculated		
NaOH + Na ₂ CO ₃ Content	wt%	≤1
Karl-Fischer titration		
Total Alkalinity	wt%	≥99
Titration		

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

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third-party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

Evonik Operations GmbH

Catalysts
Rodenbacher Chaussee 4
63457 Hanau
Germany
Phone +49 6181 59-13399
Fax +49 6181 59-2699
catalysts@evonik.com
evonik.click/catalysts