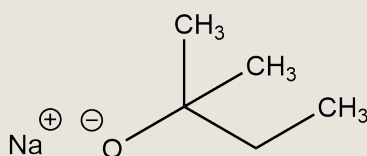


## Product Information

# Sodium tert.-Amylate Solutions (in THF, Hexane or Toluene)

## CAS NUMBER

14593-46-5



## PRODUCT DESCRIPTION

A solution of sodium tert.-amylate, a strong base commonly used in organic synthesis and as a catalyst in polymerization reactions.

Available solvents: THF, Hexane and Toluene.

### Typical Properties

Property	Unit	Value
Appearance		Yellow liquid
Chemical Name		Sodium 2-methylbutan-2-olate

The data represents typical values (no product specification)

## TYPICAL APPLICATIONS

Very strong organic base with low nucleophilicity and very good solubility in organic solvents, ideal for selective deprotonation under water-free conditions; Ready to use solution

### Product Composition

Product Composition	Unit	Value
NaOH + Na <sub>2</sub> CO <sub>3</sub> Content, max.	wt%	1
Karl-Fischer titration		

The data represents typical values (no product specification)

## BENEFITS & ADVANTAGES

- Very high purity, low hydroxyl content
- Very strong base, stronger than primary and secondary alcoholates
- Selective and specific in many organic reactions
- Custom packaging available

## PACKAGING

STA 35% in THF: 180 kg in 210 L steel drums

STA 38% in Hexane: 150 kg in 210 L steel drums

STA 25% in Toluene: 170 kg in 210 L steel drums

## STORAGE

Dry and cool (at ambient temperature)

## SHELF LIFE

Recommended re-test of the product 18 months after production in originally sealed packaging.

## HAZARDOUS SUBSTANCE

Reacts very quickly with oxygen, moisture and carbon dioxide from the 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](mailto:catalysts@evonik.com)  
[evonik.click/catalysts](https://evonik.click/catalysts)