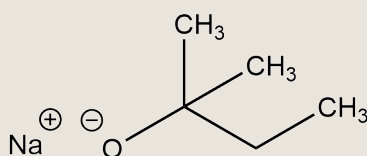


## Product Information

# Sodium t-Amylate Powder

## CAS NUMBER

14593-46-5



## PRODUCT DESCRIPTION

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

Soluble (> 30%) in Cyclohexane, Diglyme, Hexane, THF, Toluene.

### Typical Properties

Property	Unit	Value
Appearance		White to light brown powder
Chemical Name		Sodium 2-methylbutan-2-olate
Molar Mass	g/mol	110.1

The data represents typical values (no product specification)

## TYPICAL APPLICATIONS

Very strong hydrocarbon soluble base, used for:

- Deprotonations
- Base catalyzed reactions
- Elimination reactions
- Super base reaction with butyllithium
- Isomerization reactions

### Product Composition

Product Composition	Unit	Value
Effective Product Content Calculated	wt%	≥97
NaOH + Na <sub>2</sub> CO <sub>3</sub> Content Karl-Fischer titration	wt%	≤1.5
Total Alkalinity Titration	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 than primary and secondary alcoholates
- Very good solubility in organic solvents, 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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