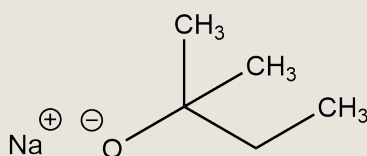


Product Information

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	wt%	≥97
NaOH + Na ₂ CO ₃ Content, max. Karl-Fischer titration	wt%	1.5
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 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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