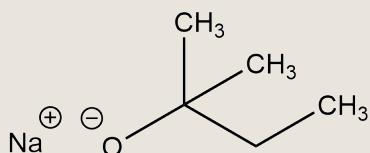


Product Information

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)

Product Composition

Product Composition	Unit	Value
NaOH + Na ₂ CO ₃ 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.

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

Disclaimer

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