

Product Information

Sodium Methylate Powder

CAS NUMBER

124-41-4

PRODUCT DESCRIPTION

A powder form of sodium methylate, a strong base commonly used in organic synthesis and as a catalyst in transesterification reactions.

Typical Properties

Property	Unit	Value
Appearance		White powder
Chemical Name		Sodium methanolate
Molar Mass	g/mol	54.02

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

Strong organic base, especially well suited for water-free organic syntheses for various reaction types (like transesterification, deprotonation, ring-opening polymerization, anionic polymerization, depolymerization of polyesters etc.); Powder for solvent-free conditions

Product Composition

Product Composition	Unit	Value
Effective Product Content Calculated	wt%	≥98
NaOH + Na ₂ CO ₃ Content Karl-Fischer titration	wt%	≤2
Total Alkalinity Titration	wt%	≥99

The data represents typical values (no product specification)

BENEFITS & ADVANTAGES

- Highly reactive and versatile for a range of industrial applications
- Strong base catalyst for production of edible oils, glycol ethers and polyethers as well as for the use in pharma and agro syntheses
- Cost-effective alternative to other organic bases

HANDLING & PROCESSING

Avoid air contact! Product quickly reacts with moisture from the air. Self-ignition possible when exposed to air at elevated temperatures!

PACKAGING

- Bulk containers
- Drums with sub-packaging (PE bags) 10x10 kg, 4x25 kg or 1x100 kg
- Drums without sub-packaging: 100 kg, 110 kg, 130 kg

STORAGE

Store tightly closed in a cool and dry place below 30 °C.

SHELF LIFE

Recommended re-test of the product 24 months after production when stored dry and in original packaging. 12 months for products without sub-packaging.

HAZARDOUS SUBSTANCE

Dust explosion class St 1.

Registration Listings

Registry	Status
EU (EINECS/ELINCS)	Yes
USA (TSCA)	Yes

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