

Product Information

Sodium Ethylate Solution, 21%

CAS NUMBER

141-52-6

64-17-5

PRODUCT DESCRIPTION

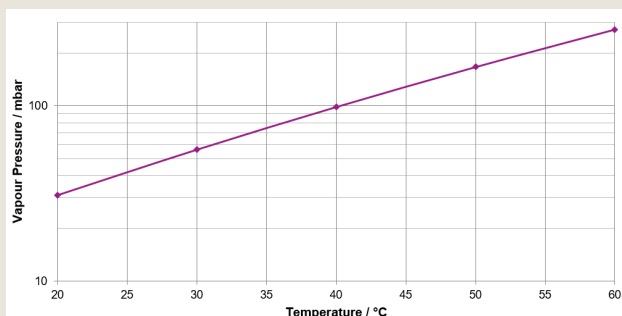
An ethanolic solution of sodium ethylate, a strong base commonly used in organic synthesis and as a catalyst in transesterification reactions.

Typical Properties

Property	Unit	Value
Appearance		Yellowish to brown liquid
Boiling Point, min.	°C	91
Chemical Name		Sodium ethanolate in ethanol
Density 20 °C	g/cm ³	0.88
Molar Mass	g/mol	68.05

The data represents typical values (no product specification)

Vapour pressure of sodium ethylate 21% (NE21)



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 etc.); Ready to use solution in ethanol.

Product Composition

Product Composition	Unit	Value
Effective Product Content Calculated	wt%	20.5-21.5
NaOH + Na₂CO₃ Content, max. Karl-Fischer titration	wt%	0.5
Solvent Type		Pure Ethanol, not denatured
Total Alkalinity Titration	wt%	20.5-22.0

The data represents typical values (no product specification)

BENEFITS & ADVANTAGES

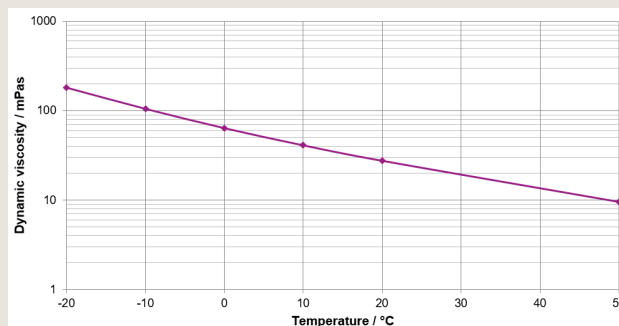
Alkoxides are important catalysts to convert plant or fish oils into fatty acid esters, i.e. Omega-3-fatty acid ethyl esters like EPA-EE.

Sodium ethoxide (NE 21) is a state of the art catalyst which is ready to use and has superior performance over hydroxides due to higher yield and less soap formation.

HANDLING & PROCESSING

Avoid air contact! Product quickly reacts with moisture from the air.

Dynamic viscosity of Sodium ethylate 21% (NE21)



PACKAGING

- 180 kg drum
- 850 kg IBC
- 20 - 25 t bulk

STORAGE

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

During winter times at temperatures below -10 °C the active ingredient might start to precipitate. Warming up

under agitation will help to solve the active ingredient again.

SHELF LIFE

Recommended re-test of the product 24 months after production when stored dry and in original packaging.

Disclaimer

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