Product Information

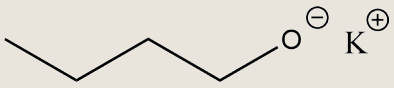
Potassium n-Butylate in n-Butanol, 20%

KNB20 - Potassium n-butoxide in n-butanol, 20%

CAS NUMBER

3999-70-0

71-36-3



PRODUCT DESCRIPTION

A solution of potassium n-butylate in n-butanol, commonly used as a catalyst or deprotonating agent in organic synthesis.

Typical Properties

Property	Unit	Value
Appearance		Dark yellow liquid
Chemical Name		Potassium n-butanolate in n-butanol
Density 25 °C	g/cm³	0.86
Molar Mass Active ingredient	g/mol	112.21

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

Very strong organic base, especially well suited for water-free organic syntheses; Can act as deprotonating agent or base catalyst as well as initiator for anionic polymerization (e.g. for butyl glycol ethers).

Product Composition

Product Composition	Unit	Value
Effective Product Content	wt%	19-21
KOH + K_2CO_3 Content, max. Karl-Fischer titration	wt%	1
Solvent Type		n-Butanol
Total Alkalinity	wt%	20-22

The data represents typical values (no product specification)

BENEFITS & ADVANTAGES

- Very high purity, low hydroxide content
- Very strong base
- Selective and specific in many organic reactions
- Ready to use solution
- Custom packaging available

HANDLING & PROCESSING

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

PACKAGING

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.

Disclaimer

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