Product Information

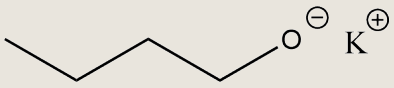
# Potassium n-Butylate in n-Butanol, 20%

**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**<br>25 °C | g/cm³ | 0.86 |
| **Molar Mass**<br>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**<br>Calculated | wt% | 19-21 |
| **Solvent Type** | | n-Butanol |
| **Total Alkalinity**<br>Titration | 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.



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**Evonik Operations GmbH**

Catalysts
Rodenbacher Chaussee 4
63457 Hanau
Germany
Phone +49 6181 59-13399
Fax +49 6181 59-2699
catalysts@evonik.com
**evonik.click/catalysts**