

## Product Information

# Potassium Ethylate Powder

## CAS NUMBER

917-58-8

## PRODUCT DESCRIPTION

Potassium ethoxide powder.

### Typical Properties

Property	Unit	Value
<b>Appearance</b>		White to yellowish powder
<b>Bulk Density</b> DIN 53466	g/cm <sup>3</sup>	0.65
<b>Chemical Name</b>		Potassium ethanolate
<b>Melting Point</b> decomposes before melting	°C	260
<b>Molar Mass</b>	g/mol	84.16
<b>Tamped Density</b> ISO 787/11	g/cm <sup>3</sup>	0.80

The data represents typical values (no product specification)

## TYPICAL APPLICATIONS

Very 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
<b>Effective Product Content</b> Calculation	wt%	≥97
<b>Total Alkalinity</b> Titration	wt%	≥99

The data represents typical values (no product specification)

## BENEFITS & ADVANTAGES

- Free flowing powder
- Very high purity, low hydroxyl content
- Very strong base, selective and specific in many organic reactions

## HANDLING & PROCESSING

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

## PACKAGING

Standard packaging: 4 x 25 kg subpacked in antistatic PE bag with PE inliner.

## STORAGE

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

## SHELF LIFE

Recommended re-test of the product 12 months after production when stored dry and in original packaging. 6 months for products without sub-packaging.

### Registration Listings

Registry	Status
<b>EU (EINECS/ELINCS)</b>	Yes
<b>USA (TSCA)</b>	Yes

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