

Product Information

Potassium Ethylate Powder

CAS NUMBER

917-58-8

PRODUCT DESCRIPTION

Potassium ethoxide powder.

Typical Properties

| Property | Unit | Value |
|---|-------------------|---------------------------|
| Appearance | | White to yellowish powder |
| Bulk Density DIN 53466 | g/cm ³ | 0.65 |
| Chemical Name | | Potassium ethanolate |
| Melting Point decomposes before melting | °C | 260 |
| Molar Mass | g/mol | 84.16 |
| Tamped Density ISO 787/11 | g/cm ³ | 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 |
|--|------|-------|
| Effective Product Content Calculation | wt% | ≥97 |
| KOH + K₂CO₃ Content, max. Karl-Fischer titration | wt% | 1.5 |
| Total Alkalinity 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 |
|--|--------|
| European Union (EINECS/ELINCS) | Yes |
| United States of America (TSCA) | Yes |

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