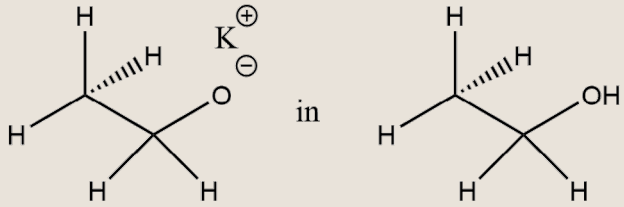
Product Information

Potassium Ethylate Solution, 24%

CAS NUMBER

917-58-5 / 64-17-5



PRODUCT DESCRIPTION

KOC_2H_5 in C_2H_5OH

A solution of potassium ethylate, a strong base commonly used in organic synthesis and as a catalyst in transesterification reactions.

Typical Properties

Property	Unit	Value
Appearance		Yellowish to brownish liquid
Boiling Point, min.	°C	87
Chemical Name		Potassium ethanolate in ethanol
Density 20 °C	g/cm³	0.91
Molar Mass	g/mol	84.16

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.); Ready to use solution in ethanol

Product Composition

Product Composition	Unit	Value
Effective Product Content Calculation	wt%	23.5-24.5
KOH + K_2CO_3 Content, max. Karl-Fischer titration	wt%	0.5
Total Alkalinity Titration	wt%	23.5-25.0

The data represents typical values (no product specification)

BENEFITS & ADVANTAGES

Strong, non-aqueous organic base as a ready-to-use solution.

PACKAGING

180 kg in drums.

STORAGE

Store dry in original packaging. Storage temperature should not exceed 30 °C. During winter time at temperatures below 5 °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 12 months after production when stored dry and in original packaging.

Registration Listings

Registry	Status
EU (EINECS/ELINCS)	Yes
USA (TSCA)	Yes

Disclaimer

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third-party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

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