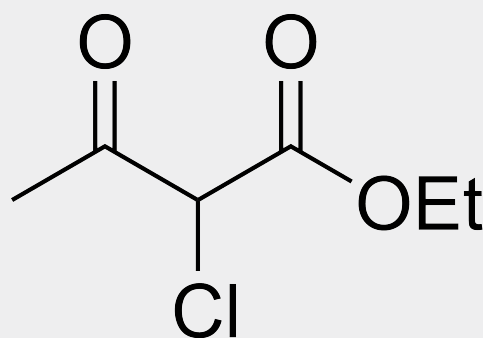


Ethyl 2-Chloroacetoacetate (2-Cl-ACE)

Chlorinated Intermediates

Colorless to yellowish liquid with a pungent odor

CAS No. 609-15-4 | Empirical formula $C_6H_9ClO_3$ | Molecular weight 164.6



Technical data

Specification

Property	Condition	Value	Method
Ethyl 2-Chloroacetoacetate	-	96.0 %	-

General Characteristics

Property	Condition	Value	Method
Boiling point	15 hPa	75 - 77 °C	-
Density	20 °C	1.181 g/cm ³	DIN 51757
Flash point	-	90 °C	ISO 3679
Ignition temperature	-	415 °C	EN 14522
Lower explosion limit	-	1.7 Vol-%	-
Melting point	-	< -80 °C	-
Refraction index	-	1.443	-
Solubility in water	20 °C	20 g/l	-
Vapour pressure	20 °C	0.2 hPa	-

These figures are only intended as a guide and should not be used in preparing specifications.

All the information provided is in accordance with the present state of our knowledge. Nonetheless, we disclaim any warranty or liability whatsoever and reserve the right, at any time, to effect technical alterations. The information provided, as well as the product's fitness for an intended application, should be checked by the buyer in preliminary trials. Contractual terms and conditions always take precedence. This disclaimer of warranty and liability also applies particularly in foreign countries with respect to third parties' rights.

Applications

- Building Blocks (Agro)
- Building Blocks for Synthesis (Pharma)

Application details

- Building block for heterocycles (e.g. thiazoles, pyrazoles)
- Building block for the synthesis of pharmaceuticals (e.g. Cimetidine)
- Building block for pesticides (Mevinphos, herbicide-safeners)
- Building block for vitamins (A1, B6)

Packaging and storage

Packaging

Drum with PE-inner liner 205l (210 kg net)

Storage

Moisture causes hydrolysis and polycondensation, particularly at elevated temperatures. Storage beyond the recommended period does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be printed via WACKER web site <http://www.wacker.com>.

QR Code Ethyl 2-Chloroacetoacetate (2-Cl-ACE)



For technical, quality or product safety questions, please contact:

Wacker Chemie AG, Gisela-Stein-Strasse 1, 81671 Munich, Germany
productinformation@wacker.com, www.wacker.com

The data presented in this medium are in accordance with the present state of our knowledge but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this medium should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The information provided by us does not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the product for a particular purpose.