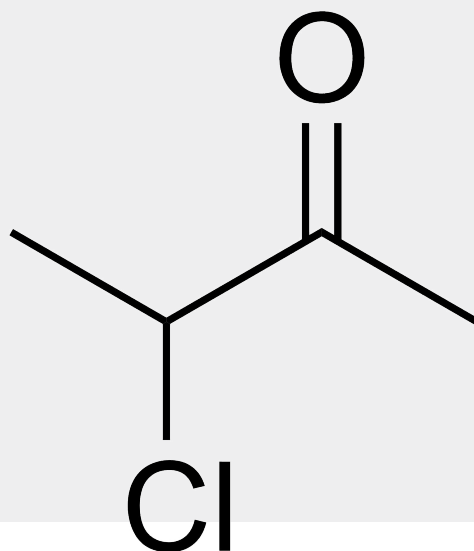


3-Chlorobutanone (3-Cl-MEK)

Chlorinated Intermediates

Colourless to brownish, mobile, lachrymatory liquid with a pungent odour

CAS No. 4091-39-8 | Empirical formula C_4H_7ClO | Molecular weight 106.6



Properties

- Lead time: campaign production, several tons usually held in stock.
- Scale >500 MT
- REACH: SCC

Technical data

Specification

Property	Condition	Value	Method
1-Chlorobutanone	-	≤ 0.50 %	GC
3,3-Dichlorobutanone	-	≤ 2.5 %	GC
Assay	-	≥ 96.0 %	GC

General Characteristics

Property	Condition	Value	Method
Boiling point	1013 hPa	114 °C	-
Density	20 °C	1.05 g/cm ³	DIN 51757
Ignition temperature	-	490 °C	DIN 51794
Lower explosion limit	-	2.3 Vol-%	-
Melting point	-	< -60 °C	-
Solubility in water	20 °C	25 g/l	-
Vapour pressure	20 °C	27 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)
- Chemical Industry

Application details

- Building block for heterocycles (g.g. imidazoles, thiazoles, pyrroles, thiophenes, thiazines, 1,3,4-thiadiazines)
- Building block for the synthesis of pharmaceuticals (e.g. Sulfamoxole, Sulfoxazole, Sulfoguanole)
- For synthesis of pesticides (Butocarboxim, Butoxicarboxim, Dimethipin)
- For synthesis of aroma chemicals

Packaging and storage

Packaging

Drum with PE-inner liner 205l (200 kg net)

Storage

Storage stability for at least: 24 months

Further information for storage: Keep in the original container in a cool well ventilated place. Keep container dry and tightly closed. Conditions for storage rooms and vessels: Do not store in containers made of aluminum or other light metals. 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 3-Chlorobutanone (3-Cl-MEK)



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

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