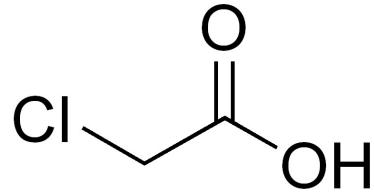


# MCA 75% sol. in ethanol

Monochloroacetic acid



This monochloroacetic acid solution is a clear colorless liquid with acidic pungent odor. It is used as an essential raw material for a variety of products, such as carboxymethyl cellulose, adhesives, pharmaceuticals and crop protection chemicals.

**CAS number**  
79-11-8

**Molecular weight**  
94.5

**Concentration**  
75%

**Molecular formula**  
C<sub>2</sub>H<sub>3</sub>O<sub>2</sub>Cl

## Specifications

Monochloroacetic acid	≥ 99.0 % w/w
Dichloroacetic acid	≤ 0.2 % w/w
Acetic acid	≤ 0.2 % w/w
Water in MCA	≤ 0.3 % w/w
Iron	≤ 5 mg/kg
Appearance	Clear and free of suspended matter
Ethanol	≥ 91.0 % w/w
Methanol	≤ 0.2 % w/w
Monochloroacetic acid, prior to esterification	≥ 74.5-75.5 % w/w

## Characteristics

Density	1.20 g/cm <sup>3</sup>
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## **Applications**

Used in the production of carboxymethyl cellulose.

## **Packaging and transport**

MCA, 75% solution in ethanol, is in general only transported in bulk.

## **Safety and handling**

See our Safety Data Sheet for the latest information regarding safety and handling.

All information concerning this product and/or suggestions for handling and use contained herein are offered in good faith and are believed to be reliable. Nouryon, however, makes no warranty as to accuracy and/or sufficiency of such information and/or suggestions, as to the product's merchantability or fitness for any particular purpose, or that any suggested use will not infringe any patent. Nouryon does not accept any liability whatsoever arising out of the use of or reliance on this information, or out of the use or the performance of the product. Nothing contained herein shall be construed as granting or extending any license under any patent. Customer must determine for himself, by preliminary tests or otherwise, the suitability of this product for his purposes. The information contained herein supersedes all previously issued information on the subject matter covered. The customer may forward, distribute, and/or photocopy this document only if unaltered and complete, including all of its headers and footers, and should refrain from any unauthorized use. Don't copy this document to a website.

The logo for Nouryon, featuring a stylized blue 'N' followed by the word 'ouryon' in a lowercase, sans-serif font.