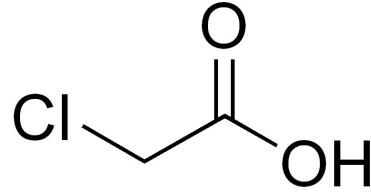


MCA 70% sol. in water

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
70%

Specifications

Total acid as monochloroacetic acid	≥ 69.0 - 71.0 % w/w
Dichloroacetic acid	≤ 0.2 % w/w
Acetic acid	≤ 0.2 % w/w
Iron	≤ 5 mg/kg
Appearance	Clear and free of suspended matter

Characteristics

Density	1.29 g/cm ³
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Applications

Main uses include production of: MCA esters, carboxymethyl cellulose, carboxymethyl starch, thioglycolic acid, crop protection chemicals (MCPA, 2,4-D, dimethoate, glyphosate), cyanoacetic acid (incl. esters), barbiturates, malonic acid (incl. esters and derivatives), vitamins, sequestering agents (EDTA), glycine, dyes (indigo and derivatives), chloroacetylchloride (CAC), surfactants

Packaging and transport

MCA, 70% solution in water, is in general only transported in bulk. Because of the restricted temperature limits, insulated and/or temperature controlled containers are used. Transport can take place both by road and rail.

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.

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The Nouryon logo consists of a stylized orange 'N' followed by the word 'ouryon' in a lowercase, sans-serif font. The 'N' is significantly larger and more prominent than the rest of the text.