

METHYL CYANOACETATE



CAS Number: 105-34-0

Other Names: Methyl 2-cyanoacetate; Malonic methyl ester nitrile;
Cyanoacetic acid methyl ester; 2-cyanoacetic acid, methyl ester

Formula: $C_4H_5NO_2$

PRODUCT INTRODUCTION

Methyl cyanoacetate is an alkyl cyanoacetate ester. It appears as clear colorless to very slightly yellow liquid. It is miscible in ethanol and diethyl ether.

PHYSICAL AND CHEMICAL PROPERTIES

| | |
|------------|------------------------------|
| Appearance | Colorless Transparent Liquid |
| Purity | 99.69 % |
| Moisture | 0.020 % |
| Acidity | 0.013 % |

APPLICATIONS

- Methyl cyanoacetate is the intermediate product in pharmaceutical organic synthesis as well as in the synthesis of some biologically active compounds used in agriculture.
- Methyl cyanoacetate is an intermediate in the preparation of α -cyanoacrylate, malononitrile, 1,1-cyclohexanediacetic acid dye.
- It is used as UV absorber or stabiliser.
- It may be used in the synthesis of various 1,2,5-tricarbonyl compounds.

PACKING OPTIONS

Drums

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