

3-Methyl-1-Butanol

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Description Colorless liquid, miscible with the common organic solvents.

Chemical nature 3-Methyl-1-butanol, 3-Methylbutanol-1, Isoamyl alcohol

Molecular formula	C ₅ H ₁₂ O
Molar mass	88.15 g/mol
CAS number	123-51-3
EC number	204-633-5

Specification

Property	Value	Unit	Test method
3-Methyl-1-Butanol	99.0 min.	%	GC-Method BASF

Properties

3-Methyl-1-Butanol is an intermediate for the chemical industry, for example for the manufacture of essences, herbicides or pharmaceuticals. It can be used in as solvent in paints as well.

Physical data

The following physical data were measured in the BASF SE laboratories. They do not represent any legally binding guarantee of properties for our sales product.

Property	Condition	Unit	Test method
Boiling point		130.7 °C	BASF method
Density	at 20 °C	0.8080 g/cm ³	DIN 53217-5
Glass transition temperature		-147 °C	
Flash point		43.5 °C	DIN EN ISO 13736, closed cup

Applications

3-Methyl-1-Butanol is an intermediate for the chemical industry, for example for the manufacture of corrosion inhibitors, flotation aids, fuel and lubricating oil additives, polyvinyl chloride stabilizers, pharmaceuticals, cosmetics, essences, plasticizers, rubber auxiliaries, and paint solvents.

Storage & Handling

3-Methyl-1-Butanol should be stored under nitrogen and moisture free. The storage temperature must not exceed 40 °C. Under these conditions, a storage stability of 12 months can be expected.

Safety

The information and advice given in our Safety Data Sheet should be observed. Due attention should also be given to the precautions necessary for handling chemicals.

Note

The data contained in this Technical Information is based on our current knowledge and experience as well as our investigations according to the today's state-of-the-art. In view of the many factors that may affect processing and application of the product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for specific purpose. No liability of BASF can be derived therefrom. It is the responsibility of the recipient of the product to ensure that any proprietary rights and existing laws and legislation are observed.

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