

Methoxypropyl-Acetate

Description

Medium-volatility solvent with a mild odour. Does not contain any hydroxyl groups and has good solvent power for numerous resins and dyes. Its main applications are in the coatings and printing inks, where it can replace ethoxyethyl acetate in many cases.

Properties

Methoxypropyl-Acetate is a clear, slightly hygroscopic liquid with a mild odour. It is freely miscible with most common organic solvents, but has only limited miscibility with water. By virtue of its ether and ester groups, Methoxypropyl-Acetate enters into reactions that are characteristic of ethers and esters and display their solvent power. For instance, it dissolves numerous natural and synthetic resins, waxes, fats and oils. Since Methoxypropyl-Acetate may react with the oxygen in the air to form peroxides, Novonol supplies it inhibited with butylated hydroxytoluene (BHT).

Chemical Nature

1-Methoxy-2-propyl acetate, Propylene glycol monomethyl ether-1, 2-acetate

Molecular formula	C ₆ H ₁₂ O ₃
Molar mass	132.16 g/mol
CAS number	108-65-6
EC number	203-603-9

Spezifikationen / Specifications

Property	Test Method	Unit	Methoxypropyl-Acetate
Density @ 20°C	DIN 51757	kg/l	0,965 – 0,970
Methoxypropyl-Acetate*		%	≥ 99,5
Methoxypropanol		%	≤ 0,3
Acetic Acid	DIN EN ISO 2114	%	≤ 0,03
Water	DIN EN 51777, part 1	%	≤ 0,05
Color Value (Hazen)	DIN EN ISO 6271	--	≤ 10

*Methoxypropyl Acetate contains less than 0.3 % of the 2-methoxy-1-propyl acetate isomer.

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