



## Methyl acetate

Methyl Acetate ( $\text{CH}_3\text{COOCH}_3$ ) is a colorless liquid with a mild ester-like odor. It has a limited solubility in water but has good to high solubility with most common organic solvents. It is an excellent solvent for nitrocellulose, cellulose acetate, cellulose ethers, celluloid, polyvinyl acetates, and a wide variety of resins including acrylics, vinyls, epoxies, urethanes, polyesters, phenolics, and plasticizers as well as for most oils and fats.



### SOME OF THE MAIN USES:

- As a solvent for nitrocellulose, cellulose acetate, cellulose ethers, celluloid, polyvinyl acetates, and a wide variety of resins including acrylics, vinyls, epoxies, urethanes, polyesters, phenolics, and plasticizers as well as for most oils and fats
- As an intermediate in the production of pharmaceutical intermediates
- In the manufacture of celluloid adhesives from waste film
- In fast-drying paints
- In perfumery and dye manufacture
- As a flavoring agent in food additives for rum, brandy, and whisky
- In adhesives, cleaning products, personal care, and cosmetic products
- As a lubricant
- In motor vehicle coatings, furniture coatings, industrial coatings (low boiling point), inks, resins, oils, and electronic products

<b>Chemical formula</b>	<b><math>\text{C}_3\text{H}_6\text{O}_2</math></b>
<b>boiling point</b>	<b><math>57.1^\circ\text{C}</math></b>
<b>Molar mass</b>	<b><math>74.08\text{ g/mol}</math></b>
<b>density</b>	<b><math>932\text{ kg/m}^3</math></b>
<b>Appearance</b>	<b>clear colorless liquid</b>

