

# N-PROPYL ACETATE



CAS Number: 109-60-4

Other Names: Acetic acid, propyl ester; Propyl ethanoate;  
1-Acetoxypropane; n-Propyl ethanoate

Formula:  $C_5H_{10}O_2$

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## PRODUCT INTRODUCTION

N-propyl acetate (normal propyl acetate) is an organic compound with a molecular formula of  $C_5H_{10}O_2$ . This product is a clear, colourless liquid that has a distinguishable acetate odor. This product is highly flammable and it is abundantly miscible with all common organic solvents (alcohols, ketones, glycols, esters) but has only slight miscibility in water. It is commonly used as a solvent in coatings and printing inks.

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## PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear and Free
Odor	Mild
Color (APHA)	5 Below
Specific Gravity (20/20°C)	0.8896
Acidity as (CH <sub>3</sub> COOH) (wt%)	0.0011
Water Content (wt%)	0.007
Non-Volatile Matter (g/100mL)	0.0028
Purity (wt%)	99.887
Initial Boiling Point (°C)	100.7
Dry Point (°C)	101.8

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## APPLICATIONS

- The major use of normal propyl acetate is as a solvent in the coatings and printing industries. It is a good solvent for these industries because it has the ability to thin many other organic compounds.
- Normal propyl acetate dissolves a host of resins which make it a suitable solvent for wood lacquers and industrial finishes.
- Within the printing industry it is mainly used in flexographic and special screening prints.

- It is also used in aerosol sprays, nail care and as a fragrance solvent.
  - It can also be used as a flavouring additive due to its odour similar to pears.
  - The main user end markets are the printing, coatings, lacquers, cosmetic and flavouring industries.
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## PACKING OPTIONS

Drums

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