

ISOPROPYL ACETATE



CAS Number: 108-21-4

Other Names: Propan-2-yl acetate; 2-Acetoxypropane; 2-Propyl acetate;
2-Propyl ethanoate; Propan-2-yl ethanoate

Formula: $C_5H_{10}O_2$

PRODUCT INTRODUCTION

Isopropyl acetate is an organic compound with a molecular formula of $C_5H_{10}O_2$. It is commonly used as a solvent for cellulose, plastics, oils and fats. This product is a clear, colourless liquid that has a fruity ester odour. This product is highly flammable. It is highly miscible with all common organic solvents (alcohols, ketones, glycols, esters) but has only slight miscibility in water.

PHYSICAL AND CHEMICAL PROPERTIES

Isopropyl Acetate, % \geq	99.9
Acidity (by Acetic Acid), % \leq	0.003
Moisture, % \leq	0.03
Density, g/cm ³	0.870
Evaporation Deposits, % \leq	ND
Color, APHA	5

APPLICATIONS

- The major use of this product is in printing inks (especially gravure machines) because it is fast evaporating which ensures that the ink dries quickly. This ink can be used for printing magazines, catalogues, labels and wallpaper.
- The other common use of iso propyl acetate is a solvent in the production of cellulose, plastics, oils and fats.
- It is also used in the fragrance, cosmetic and personal care industry as a solvent.
- An alternative use is as a surfactant in cleaning fluids, coatings for cars and nail care.
- The main user end markets are the printing, coatings, cleaning and cosmetic industries.

PACKING OPTIONS

Drums

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