

ISOBUTYRIC ACID



CAS Number: 79-31-2

Other Names: Isobutyl alcohol; IBA; 2-methyl-1-propanol;
2-methylpropyl alcohol; Isopropylcarbinol

Formula $C_4H_8O_2$

PRODUCT INTRODUCTION

Isobutyric acid is a branched fatty acid comprising propanoic acid carrying a methyl branch at C-2. It appears as a colorless liquid with a light odor of rancid butter. It is corrosive to metals and tissue. Isobutyric acid is slightly soluble in water but much more soluble in ethanol, ether and organic solvents. Esters of isobutyric acid are used as solvents for various applications where desirable odors and flavor characteristics are important.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Passes
Color (Pt-Co)	4
Water (wt.%)	0.002
Specific Gravity at 20/20°C	0.950
Isobutyric Acid (wt.%)	99.587

APPLICATIONS

- Isobutyric acid is used to eliminate calcium in leather industry.
- Butyric acid family products, such as their esters, are used for the production of plastics, plasticizers, surfactants and textile auxiliaries.
- They are used in food additives, flavorings, varnishes, perfumes, pharmaceuticals and disinfectants.

PACKAGING OPTIONS

Drums

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