

PROPIONIC ACID



CAS Number: 79-09-4

Other Names: Propanoic acid; ethylformic acid; Carboxyethane;
Methylacetic acid; Ethanecarboxylic acid;
Pseudoacetic acid; Metacetic acid

Formula: C₃H₆O₂

PRODUCT INTRODUCTION

Propionic acid is a short-chain saturated fatty acid comprising ethane attached to the carbon of a carboxy group. It is a colorless liquid with a sharp rancid odor. It is miscible in water.

PHYSICAL AND CHEMICAL PROPERTIES

Colour Hazen	< 5 Hazen
Water Content	0.02 %mm
Purity	99.9 %

APPLICATION

- Propionic acid is mainly used as a preservative in stored animal feed and grain. It is technically a fungicide (molds) and bactericide. Over 75% of propionic acid used for this purpose is in the form of the salt, ammonium propionate, because it is less corrosive to farm equipment.
- It added to livestock and poultry drinking water as it is antibacterial.
- It is used as preservative and flavoring agent for baked goods and cheese
- Food additives to prevent mold in bread, tortillas, and cheese (as calcium propionate and sodium propionate)
- Propionic acid is used for cellulose acetate propionate (CAP) production
- It also acts as chemical intermediate for herbicides, pharmaceuticals, dyes, textile and rubber products, plastics, plasticizers, cosmetics, and perfumes

PACKAGING OPTIONS

Drums

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