

ETHYL ACRYLATE



Cas Number: 140-88-5

Other Names: Acrylic acid ethyl ester; Ethyl propenoate;

ethyl prop-2-enoate

Formula: $C_5H_8O_2$

PRODUCT INTRODUCTION

Ethyl acrylate is an acrylate monomer with a molecular formula of $C_5H_8O_2$. It is a clear and volatile liquid which is slightly soluble in water and completely soluble in alcohols, ethers and almost all organic solvents. It is a very flammable liquid and has a sharp acrid odour. It is easily miscible with other organic solvents and is readily polymerized with other monomer molecules to create polymer chains.

PHYSICAL AND CHEMICAL PROPERTIES

Colour	5 APHA
Purity	99.9 wt%
Water	0.01 wt%
Acidity (as Acrylic acid)	0.000 wt%
Inhibitor (MEHQ)	50 ppm

APPLICATIONS

- Ethyl acrylate is primarily used in the production of emulsion-base polymers.
 - Manufacturers produce acrylic resins which can then be used as paints, coatings or latex products.
 - It is mainly used in polyacrylate elastomers, acrylic rubber, textiles, acrylic fibres, leather products and denture materials.
 - It can be used as a coating on most household items such as books, magazines, frozen food packaging, fragrance additive and an adhesive on for envelopes and labels.
 - The primary end user markets are the plastics, leather, paints, packaging, paper and textiles industries.
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PACKAGING OPTIONS

Drums

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