

Butyl Acrylate Monomer

Characteristics:

Butyl Acrylate is an ester of Acrylic acid and is used as a raw material component in the synthesis of polymers. Butyl Acrylate is a monofunctional monomer consisting of an acrylate group with a characteristic high reactivity and a cyclic hydrophobic group. Copolymers of Butyl Acrylate can be prepared with (met)acrylic acid and its salts, amides, and esters, and with methacrylates, acrylonitrile, maleic acid esters, vinyl acetate, vinyl chloride, vinylidene chloride, styrene, butadiene, unsaturated polyesters and drying oils, etc. Butyl Acrylate is a very useful feedstock for chemical syntheses because it readily undergoes addition reactions with a wide variety of organic and inorganic compounds.

Applications areas:

Butyl acrylate is used with a variety of hard monomers to form emulsions, water-soluble copolymers and other polymers through cross-linking, copolymerization and splicing. Butyl acrylate is widely used in the manufacture of paints and coatings, adhesives and sealants. Butyl acrylate can also be used in cleaning products, antioxidants, enamels, and textiles.

| TEST ITEM | UNIT | SPECIFICATION |
|----------------------|------|-----------------|
| PURITY | % | >99.5 |
| COLOR | APHA | ≤ 10 |
| SP.GR. (20°C / 20°C) | --- | 0.8936 ~ 0.9036 |
| ACIDITY (AS AA) | PPM | ≤ 100 |
| WATER | % | ≤ 0.05 |
| MEHQ (MQ) | PPM | 15 ~ 20 |
| ALCOHOL (BUOH) | PPM | ≤ 1000 |
| APPEARANCE | --- | CLEAR |

Delivery conditions:

It can be purchased in bulk in ISO tank-containers or packed in drums.

Handling Precautions: Before using this product, consult the Safety Data Sheet (SDS) for details on product hazards, health hazards, recommended handling precautions and product storage.
Storage: Consult the Safety Data Sheet (SDS). The products shelf life informs how long the material will remain stable under normal conditions. Never store or use expired material.
Health and Environmental Information: To support customers in their product safety needs, Dwellt has an extensive Product Stewardship organization and a team of product safety and regulatory compliance specialists available in each area. For further information, please see our website, Dwellt.com or consult your local Dwellt representative.
Disposal Considerations: Empty containers may contain hazardous residues. This material and its container must be disposed in a safe and legal manner.
Product Stewardship: Dwellt has a fundamental concern for all who make, distribute, and use its products, and for the environment in which we live. This concern is the basis for our product stewardship philosophy by which we assess the safety, health, and environmental information on our products and then take appropriate steps to protect employee and public health and our environment. The success of our product stewardship program rests with each and every individual involved with Dwellt products - from the initial concept and research, to manufacture, use, sale, disposal, and recycle of each product.
Customer Notice: Dwellt strongly encourages its customers to review both their manufacturing processes and their applications of Dwellt products from the standpoint of human health and environmental quality to ensure that Dwellt products are not used in ways for which they are not intended or tested. Dwellt personnel are available to answer your questions and to provide reasonable technical support. Dwellt product literature, including safety data sheets, should be consulted prior to use of Dwellt products. Current safety data sheets are available from Dwellt.