



## INTISARI

Aseton atau yang juga dikenal dimethyl ketone, merupakan senyawa organik dengan rumus molekul ( $\text{CH}_3\text{COCH}_3$ ). Aseton murni memiliki sifat tidak berwarna, berbau tajam, mudah menguap, dan berwujud cair pada suhu kamar. Berdasarkan aplikasinya, hasil sintesa berupa methyl methacrylate (MMA) dan bisphenol-A (BPA) banyak dibutuhkan oleh industry polimer selain itu solvent merupakan segementasi pasar yang menjadi kunci kebutuhan Acetone di dunia saat ini. Sedangkan berdasarkan *end-use*, segmentasi Acetone digunakan sebagai pelarut pembersih seperti tinta ataupun cat, kosmetik seperti *haircare* dan *skincare*, serta obat-obatan (*Pharmaceutical*) yang diprediksi akan menjadi *key factor driving market* hingga 2030. Sementara secara regional, Asia pasifik tercatat sebagai segmen pasar terbesar yaitu 47,2% pada tahun 2019. Laju pertumbuhan majemuk Aseton atau CAGR (*Compound Annual Growth Rate*) diprediksi akan terus naik sejak 2020 hingga 2030 sebesar 5,4%. Sehingga pendirian pabrik aseton di Indonesia adalah pilihan yang tepat.

Alil alkohol memiliki ciri tidak berwarna, berbau tajam, dan larut dalam air. Alil alkohol atau yang disebut juga 2-Propen-1-ol memiliki rumus kimia  $\text{CH}_2=\text{CHCH}_2\text{OH}$ . Berdasarkan aplikasinya Alil alkohol dibutuhkan sebagai bahan baku produksi gliserol, *plasticizers*, *crosslinking agents* dan sebagai *coating additives*. Berdasarkan aplikasinya Alil alkohol dibutuhkan untuk produksi 1,4-Butanediol (BDO Industry), Resin Industry dan untuk Coupling Agents. Sedangkan secara regional, Amerika utara, Eropa, Asia pasifik memiliki *demand* tertinggi pada tahun 2019. Harga jual yang tinggi dan juga stabil berdasarkan berbagai laporan *forecast market* menjadikan senyawa organik ini akan memberi keuntungan yang besar terlebih lagi kebutuhan Alil alkohol pada regional Asia pasifik masih mengimpor dari Eropa. Adapun Laju pertumbuhan majemuk Alil alkohol atau CAGR juga diprediksi akan terus naik sejak 2020 hingga 2030 sebesar 4%.



## ABSTRACT

*Acetone is a clear, water-white volatile liquid, slightly hygroscopic with a mild, mint-like fragrant odor. Based on application, acetone market is segmented into methyl methacrylate, bisphenol-A and solvent. Acetone is used for manufacturing methyl methacrylate, which is used as an immediate in the production of PVC (Poly Vinyl Chloride). It also finds applications in the production of bisphenol A, which is used in production of polycarbonate and epoxy resins. Based on end-use, the market is segmented into pharmaceuticals, personal care, paints & coatings, plastics, construction and electrical & electronics. Pharmaceutical segment is expected to hold a major share. Acetone is a common excipient used in the formulation of most of the common drugs. Furthermore, it is also used in denature alcohol. Based on several Forecast Market Report, Plastics and personal care sectors are expecting healthy growth over the next few years. Geographically, the global acetone market is segmented Asia Pacific become expected to dominate the market growth. This segment is therefore anticipated to gain more potential over the forecast period and register a CAGR of 5.4% from 2020 to 2030*

*Alil alcohol is a lucid, colorless liquid which emits a mustard-like odor. Alil alcohol is less dense than water but the vapors are heavier than air. Alil alcohol is used as a precursor to many specialized compounds such as drying oils, flame resistant materials and plasticizers. In addition alil alcohol is also used as a feedstock for the production of glycerol. The demands in alil alcohol market is primarily dependent on the demand and consumption characteristics of chemical and plastic industries which also help in boosting the alil alcohol market. There is an extensive demand of Alil alcohol for the manufacture of safety glass, CRT screens, paints & coatings, silane coupling agents, optical resins and polymer crosslinking agents. The demand of alil alcohol is anticipated to rise significantly during the forecast period owing to its high demand in the production of glycerol and a wide variety of polymerizable esters. The global Alil Alcohol market is projected to increase significantly at a CAGR of 4.0% from 2020 to 2030.*