

# Butene-1 Manufacturing Industry

## Description:

### **Butene-1 Manufacturing Industry. Industrial Production of 1-Butene**

#### ***Butene-1 Market in Asia Pacific to reach US\$787.8 million by 2026***

Butene-1 is a colourless flammable gas. Butene-1 is used as co monomer in the production of high density polyethylene (HDPE) and linear low density polyethylene (LLDPE).

1-Butene, an organic chemical belonging to the family of alpha olefins, is a colourless combustible gas. There are various methods of production of 1-Butene, such as from refinery crude stream of C4 hydrocarbons and natural gas, dehydrogenation of butane and dimerization of ethylene, which is stored and transported as compressed liquefied gas.

It finds major applications as co-monomer in manufacture of high density poly-ethylene (HDPE), linear low density poly-ethylene (LLDPE), which are used for food and non-food packaging such as bags and stretch wraps, toys, containers, pipes, etc., in production of polyethylene/ polypropylene resins having properties such as flexibility as well as high tear strength. 1-Butene is also used to produce valeraldehyde, polybutene, butadiene, butylene oxide, maleic anhydride, Secondary Butyl Alcohol (SBA) and Methyl Ethyl Ketone (MEK). In addition to this, 1-Butene finds application as an intermediate for manufacturing of plasticizers, antioxidants, corrosion inhibitors, herbicides and as additives used in hydraulic and lubricating oils.

**For more details download PDF file.**

**Keywords:** Production\_of\_Butene-1, 1-Butene, Commercial\_Production\_of\_1-Butene, Butene-1, Butene\_1\_Production\_Process, Application\_of\_Butane-1, Colourless Flammable Gas, Alpha Olefins, 1-Butene\_Industry, Chemical Manufacturing, Chemical Industry, 1-Butene Compound, Project Report on 1-Butene manufacturing Industry, Detailed\_Project\_Report\_on\_Butene\_1\_Production, Project\_Report\_on\_Butene-1\_Production, Pre-Investment Feasibility Study on Butene-1 Production, Techno-Economic feasibility study on Butene-1 Prod

**Created At:** 01 Dec, 2018