

Production of Industrial Alcohols (Grain Motor Fuel Alcohol, Alcohols, Higher Aliphatic, Alcohol from Wheat Straw, Monohydric Alcohols, Trihydric and Polyhydric Alcohols, Methanol from Coal, Heptahydric Alcohols, Perseitol, Volemitol, Allitol, Dulcitol, E

Description:

Production of industrial alcohol is an age old practice. But with time, the usage areas as well as production techniques have gone through a major transformation. Industrial alcohol is distilled ethyl alcohol (C₂H₅OH), normally of high proof, produced and sold for other than beverage purposes. It is usually distributed in the form of pure ethyl alcohol, completely denatured alcohol, especially denatured alcohol and proprietary solvent blends. Ethyl Alcohol is the common name for the hydroxyl derivative of the hydrocarbon ethane. Industrial alcohol is distilled ethyl alcohol normally of high proof, produced and sold for other than beverage purposes. Industrial alcohol finds its applications in many chemical industries, pharmaceutical industries, Ink Industries and various allied applications. Much of this alcohol is obtained synthetically from ethylene. However, its production from microbial fermentation using variety of cheap sugary substrates is still commercially important. The various substrates used for ethanol production are sugar crops such as sugarcane, sugar beet, sorghum, etc. provide a good substrate. Bye product of these crop processing, e.g., molasses, sweet sorghum syrup, etc. are the most common substrates. Cereals like maize, wheat, rice etc are also used for ethanol production. Distillation of industrial alcohol, which is normally not used for consumption, can be made in a two-step process. The process of distillation is one with a slow dynamics making it essential to have a carefully planned and designed control system. Ethyl alcohol or ethanol ranks second only to water as the most widely used solvent in chemical industry and as these industries have expanded, so the demand for industrial alcohol has increased.

For more details download PDF file.

Keywords: Production of Alcohol, Manufacture of Alcohols, Ethyl Alcohol or Ethanol Production, Method for Production of Alcohol, Alcohol From Corn, Manufacturing of Alcohol, Alcohol Beverage Production, Ethanol Production, Fuel Ethanol Production, Alcohol Fuel Production from Grain, Fuel Ethanol Plants, Detergent Alcohols, Natural Detergent Alcohols, Production of Detergent Range Alcohols, Natural Alcohols Manufacture, Process for Producing Unsaturated Alcohols, Production of Unsaturated Alcohols, Ziegler

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