

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, Erythritol, Leaf Alcohol, Hexynol, Methyl Pentynol)

Introduction

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 (C_2H_5OH), 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.

Market Outlook

The industrial alcohol market is estimated to be valued at USD 113.26 Billion in 2017, and is projected to grow at a CAGR of 9.8% during the forecast period of 2017 to 2022.

Industrial Alcohol Market



Sugar Alcohols is forecast to be 1.6 million metric tons in 2017 and is projected to reach 1.9 million metric tons by 2022 at a CAGR of 3.4% between the two years.

The industrial alcohol market is projected to grow at a CAGR of 9.8% from 2017, to reach USD 180.83 billion by 2022.

The ethyl alcohol segment is estimated to account for the largest market share in the Industrial Alcohol Market in 2017, due to its wide range of applications in the biofuel industry. Ethyl alcohol is considered as the most widely used industrial alcohol, owing to their multi-functional properties and their vast applications in the biofuel, pharmaceutical, personal care, food ingredients, and chemical industries.

Demand of Methanol

Demand : Past and Future

Year	(In '000 Metric Tonne)
1990-91	190
2000-01	516
2001-02	695
2002-03	673
2003-04	844
2004-05	776
2005-06	838
2006-07	888
2007-08	933
2008-09	975
2009-10	1075
2010-11	1205
2011-12	1310
2012-13	1395
2013-14	1470
2014-15	1595
2015-16	1645
2016-17	1725
2017-18	1795
2018-19	1850
2019-20	1935
2024-25	2575

Market Growth Rates of Methanol

Market Growth Rates	
1990-91-2000-01	10.5%
2000-01-2005-06	10.1%
2005-06-2010-11	7.5%
2010-11-2019-20	5.4%
2019-20-2024-25	5.9%

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Tags

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 Process, Alcohols, Higher Aliphatic, Synthetic Process, Production of Ethanol From Wheat Straw, Production of Bioethanol From Wheat Straw, Wheat Ethanol Production, Monohydric Alcohol, Preparation of Monohydric Alcohols, Polyhydric Alcohol, Production of Polyhydric Alcohols, Process for Producing Polyhydric Alcohol, Methanol from Coal, How to Produce Methanol From Coal, Coal to Methanol Process, Coal Based Methanol Production, Production of Methanol from Coal, Methanol Production, Methanol Production Plant, Ethanol Production From Maize, Production of Ethanol From Maize, Production of Motor Fuel Grade Alcohol, Waste Water Treatment, Industrial Fermentation and Alcohol, Fungal Amylase Production, Grain Production, Grain Processing, Lubricants and Petroleum, Agricultural Chemicals, Cosmetics and Pharmaceuticals, Linalool, Behenyl Alcohol, Amyl Alcohols, Acyclic Higher Alcohols, Cyclopentanol, Cyclohexanol, Borneol, Cholesterol, Thenyl Alcohol, Hydroxymethylpyrrole, NPCS, Niir, Process Technology Books, Business Consultancy, Business Consultant, Project Identification and Selection, Preparation of Project Profiles, Startup, Business Guidance,

Tags

Business Guidance to Clients, Startup Project, Startup Ideas, Project for Startups, Startup Project Plan, Business Start-Up, Business Plan for Startup Business, Great Opportunity for Startup, Small Start-Up Business Project, Best Small and Cottage Scale Industries, Startup India, Stand Up India, Small Scale Industries, New Small Scale Ideas for Alcohol Processing Industry, Methanol Production Business Ideas You Can Start on Your Own, Industrial Alcohol Production Industry, Small Scale Alcohol Processing, Guide to Starting and Operating Small Business, Business Ideas for Alcohol from Maize Production, How to Start Industrial Alcohol Manufacturing Business, Starting Industrial Alcohol Production, Start Your Own Industrial Alcohol Production Business, Industrial Alcohol Production Business Plan, Business Plan for Industrial Alcohol, Small Scale Industries in India, Industrial Alcohol Based Small Business Ideas in India, Small Scale Industry You Can Start on Your Own, Business Plan For Small Scale Industries, Set Up Industrial Alcohol, Profitable Small Scale Manufacturing, How to Start Small Business in India, Free Manufacturing Business Plans, Small and Medium Scale Manufacturing, Profitable Small Business Industries Ideas, Business Ideas for Startup

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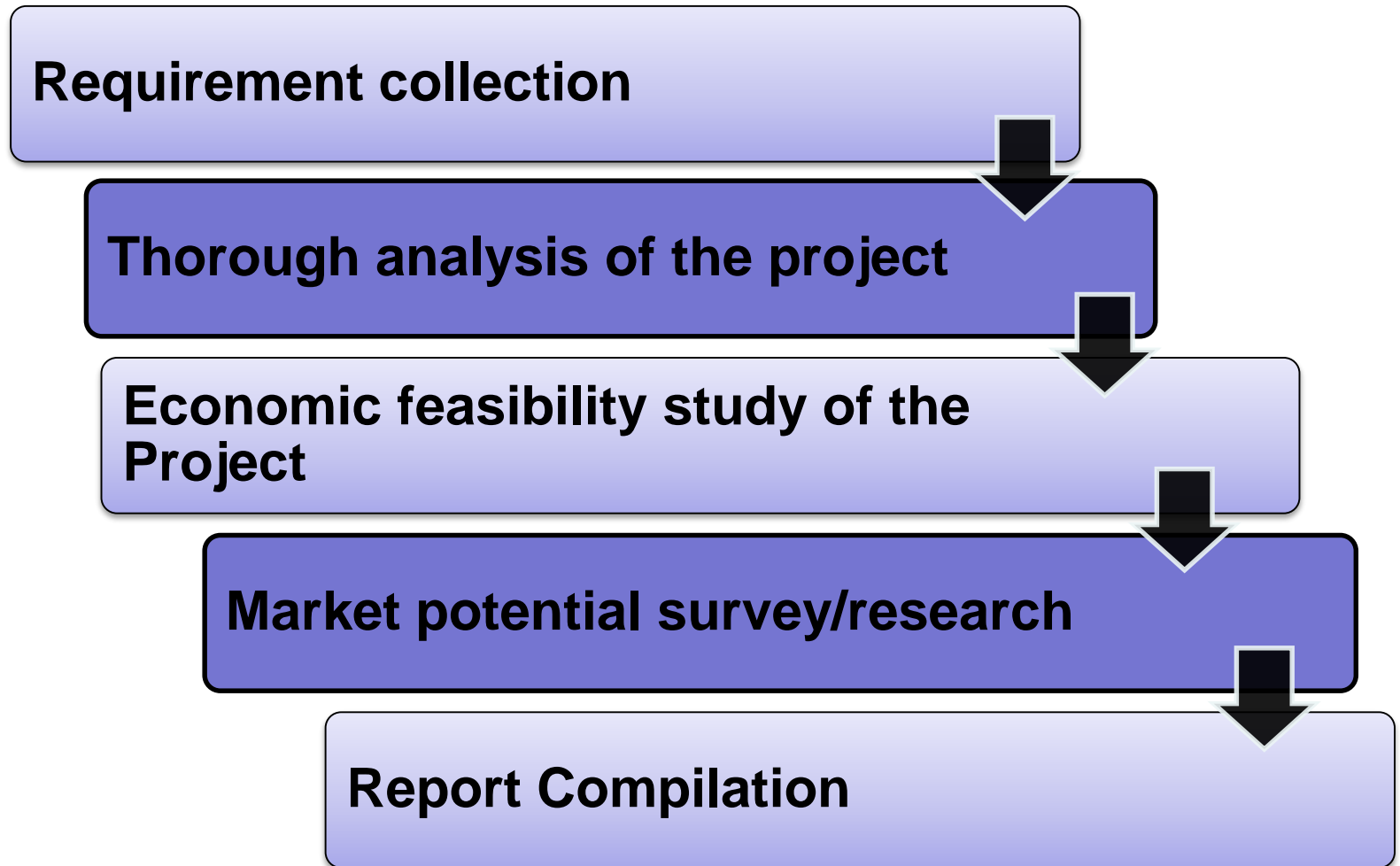


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