

India Cyclopentane Market Analysis: Plant Capacity, Production, Operating Efficiency, Process, Demand & Supply, End Use, Application, Sales Channel, Region, Competition, Trade, Customer & Price Intelligence Market Analysis, 2015-2030

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Abstracts

India Cyclopentane market demand stood at 15.71 Thousand Tonnes in FY2021 and is forecast to reach 25.94 Thousand Tonnes by FY2030, growing at a healthy CAGR of 5.73% until FY2030. An increase in the use of Cyclopentane as a blowing agent in Polyurethane foams used in refrigerators is likely to increase Cyclopentane consumption in India. India is one of the 24 countries signing the 'Montreal Protocol' on substances that deplete the Ozone Layer and is proactively working to completely phase out harmful HCFCs by 2020. This is likely to supplement the demand for Cyclopentane across the globe. India became the first country in the world to launch a comprehensive India Cooling Action Plan (ICAP) in March 2019, which will work towards addressing the cooling requirement across residential and commercial buildings, cold-chain, refrigeration, transport, and industrial sectors. As of 2019, India's cooling demand stands at 120 Million TR (where TR stands for Tonnage of Refrigeration). However, ICAP aims to reduce India's total cooling demand by 20 to 25 percent by 2037. Currently, Haldia Petrochemicals Limited is the only manufacturer of Cyclopentane in the country and is planning to expand its production capacity in the coming years with the rest of the country's demand being met through imports. More players are expected to enter this market in the years to come taking into consideration the product's increasing demand.

The refrigeration and air-conditioning (RAC) equipment consumes a significant proportion of the HCFCs in the country. Indian Ozone Cell implemented HPMP Stage-I which led to the conversion of 15 large enterprises indulged in the foam manufacturing

sector to switch from HCFC-141b to Non-Ozone Depletion Scheme, Cyclopentane based technologies till FY 2016. Currently, the Ministry of Environment, Forest, and Climate Change (MoEFCC) has implemented HPMP Stage-II which aims to phase out HCFCs from the country completely by 2030. The ministry is also working towards funding the domestic foam industries to promote the replacement of ozone-depleting Hydrochlorofluorocarbons (HCFC) with Cyclopentane and this is projected to encourage the Indian industrialists to enter the Cyclopentane market during the next five years. Increasing Cyclopentane demand from the residential refrigerants sector is likely to propel the country's Cyclopentane market. Additionally, increasing demand for refrigeration and freezers from the food and beverage industry, and the construction industry is likely to contribute towards growth in demand for Cyclopentane in the country.

The COVID-19 pandemic put a significant impact on the cyclopentane market as the production facilities were shut down coupled with a major disruption in the supply chain. However, as the world is slowly recovering and the industrial, as well as construction activities, have started in full swing, the demand for cyclopentane is increasing at a rapid rate.

Years Considered for this Report:

Historical Years: FY2015– FY2020

Base Year: FY2021

Estimated Year: FY2022

Forecast Period: FY2023 – FY2030

This report will be delivered on an online digital platform with a one-year subscription and quarterly update.

Objective of the Study:

The primary objective of the study was to evaluate and forecast Cyclopentane capacity, production, demand, inventory, and demand–supply gap in India.

To categorize Cyclopentane demand based on end use, grade, region, and sales channel.

To study trade dynamics and company share in India Cyclopentane market.

To identify major customers of Cyclopentane in India.

To evaluate and forecast Cyclopentane pricing by grade in the India Cyclopentane market.

To identify and profile major companies operating in the India Cyclopentane market.

To identify major news, deals, and expansion plans in the India Cyclopentane market.

To extract data for the India Cyclopentane market, primary research surveys were conducted with Cyclopentane manufacturers, suppliers, distributors, wholesalers, and end-users. While interviewing, the respondents were also inquired about their competitors. Through this technique, ChemAnalyst was able to include manufacturers that could not be identified due to the limitations of secondary research. Moreover, ChemAnalyst analyzed various end-user segments and projected a positive outlook for the India Cyclopentane market over the coming years.

ChemAnalyst calculated Cyclopentane demand in India by analyzing the historical data and demand forecast was carried out considering crude oil prices. ChemAnalyst sourced these values from industry experts and company representatives and externally validated them through analyzing historical sales data of respective manufacturers to arrive at the overall market size. Various secondary sources such as company websites, association reports, annual reports, etc., were also studied by ChemAnalyst.

Key Target Audience:

Cyclopentane manufacturers, suppliers, and other stakeholders

Organizations, forums, and alliances related to Cyclopentane distribution

Government bodies such as regulating authorities and policymakers

Market research and consulting firms

The study is useful in providing answers to several critical questions that are important for industry stakeholders, such as Cyclopentane manufacturers, distributors, and policymakers. The report also provides useful insights about which market segments should be targeted over the coming years to strategize investments and capitalize on growth opportunities.

Report Scope:

In this report, the India Cyclopentane market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Market, by End Use- Construction, Electrical, Electronics, Additives & Others

Market, by Application- Refrigerators, Commercial Refrigerators, Insulated Containers & Sippers, Insulating Construction Materials, Personal Care Products, Fuel & Fuel Additives, and Others

Market, by Sales Channel- Direct/Institutional Sales, Retail Sales, Other Channel Sales

Market, by Region- North, West, East, and South

Available Customizations:

With the given market data, ChemAnalyst offers customizations according to a company's specific needs.

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