

N-Hexane Market Size and Share Outlook - Forecast Trends and Growth Analysis Report (2025-2034)

Market Report | 2025-08-13 | 150 pages | EMR Inc.

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Report description:

The global n-hexane market attained a volume of 1.93 Million Tons in 2024 . The industry is further projected to grow in the forecast period of 2025-2034 at a CAGR of 3.80% to reach 2.80 Million Tons by 2034 .

Based on the application, the edible oil extraction segment accounted for the majority of the global market share as it provides a high yield from the oilseeds. Also, it is beneficial as it can be reused after the extraction process. Regionally, the Asia Pacific represented the largest regional n-hexane market in 2020. This regional growth can be attributed to the increasing population, coupled with the growing demand for refined oil in countries like India and China.

Market Segmentation

N-hexane is a volatile aliphatic hydrocarbon that is procured from crude oil and natural gas. It can also be obtained from sugar cane wastes by employing special catalysts. N-hexane is colourless in the purest form and has an unpleasant odour, identical to petroleum. Also, it is highly flammable and comprises of explosive vapours due to which it is mostly mixed with other solvents before used in the production of different products. Moreover, it is commonly used in the form of an industrial chemical and laboratory reagent. Solvents containing n-hexane are also used in the extraction of vegetable oils from oilseeds such as corn, sunflower, and soybeans.

Market Breakup by Application:

- Edible Oil Extraction
- Healthcare
- Industrial Solvent
- Adhesive Formulation

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Market Breakup by Region:

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

Market Analysis

N-hexane is widely used as a primary solvent in industrial and chemical products such as leather, polypropylene, paint, and rubber. Increasing sales of these products are anticipated to drive the demand for n-hexane over the forecast period. The rising adoption of n-hexane in the pharmaceutical industry for shaping pills and tablets, along with its use in various synthesis and separations processes, are expected to propel the growth of the n-hexane market over the forecast period. Moreover, it offers many advantages over other solvents such as cost-effectiveness and recyclability.

Additionally, it is easy to remove from solids and oil, due to which there has been an apparent shift towards its use in various applications. Rapid urbanization, growing global population, and inflating income levels are also stimulating the demand for n-hexane. In addition to this, n-hexane is widely utilized in vegetable oil extraction as it aids in removing odour and unwanted taste. Furthermore, the growing demand for n-Hexane as a cleaning agent in various end-use industries such as cleaning and textile is likely to uplift the n-hexane market in the coming years.

Competitive Landscape

The report presents a detailed analysis of the following key players in the global n-hexane market, looking into their capacity, market shares, and latest developments like capacity expansions, plant turnarounds, and mergers and acquisitions:

- Royal Dutch Shell plc
- Exxon Mobil Corporation
- GFS Chemicals, Inc.
- Junyuan Petroleum Group
- Others

The comprehensive report looks into the macro and micro aspects of the industry. The EMR report gives an in-depth insight into the market by providing a SWOT analysis as well as an analysis of Porter's Five Forces model.

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