

# Global 1,4-Cyclohexanedicarboxylic Acid (CHDA) Market - Industry Analysis, Size, Share, Growth, Trends, and Forecast 2016-2021

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## Abstracts

This report provides detailed analysis of worldwide markets for 1,4-Cyclohexanedicarboxylic Acid (CHDA) from 2011-2016, and provides extensive market forecasts (2016-2021) by region/country and subsectors. It covers the key technological and market trends in the 1,4-Cyclohexanedicarboxylic Acid (CHDA) market and further lays out an analysis of the factors influencing the supply/demand for 1,4-Cyclohexanedicarboxylic Acid (CHDA), and the opportunities/challenges faced by industry participants. It also acts as an essential tool to companies active across the value chain and to the new entrants by enabling them to capitalize the opportunities and develop business strategies.

A dicarboxylic acid is an organic compound containing two carboxyl functional groups (-COOH). The general molecular formula for dicarboxylic acids can be written as HO<sub>2</sub>C-R-CO<sub>2</sub>H, where R can be aliphatic or aromatic. In general, dicarboxylic acids show similar chemical behavior and reactivity to monocarboxylic acids. Dicarboxylic acids are also used in the preparation of copolymers such as polyamides and polyesters. The most widely used dicarboxylic acid in the industry is adipic acid, which is a precursor used in the production of nylon. Other examples of dicarboxylic acids include aspartic acid and glutamic acid, two essential amino acids in the human body. Blanc's Rule says that heating a barium salt of a dicarboxylic acid, or dehydrating it with acetic anhydride will yield a cyclic acid anhydride if the carbon atoms bearing acid groups are in position 1 and (3,4 or 5). So succinic acid will yield succinic anhydride. For acids with carboxylic groups at position 1 and 6 this dehydration causes loss of carbon dioxide and water to form a cyclic ketone, for example adipic acid will form cyclopentanone.

GCC's report, Global 1,4-Cyclohexanedicarboxylic Acid (CHDA) Market - Industry

Analysis, Size, Share, Growth, Trends, and Forecast 2016-2021, has been prepared based on the synthesis, analysis, and interpretation of information about the global 1,4-Cyclohexanedicarboxylic Acid (CHDA) market collected from specialized sources. The report covers key technological developments in the recent times and profiles leading players in the market and analyzes their key strategies. The competitive landscape section of the report provides a clear insight into the market share analysis of key industry players. The major players in the global 1,4-Cyclohexanedicarboxylic Acid (CHDA) market are Eastman, NJ-Chem, Nikko Rica, Jiangsu Hengxiang, Tosco Shanghai, Qingquan Chemical.

The report provides separate comprehensive analytics for the North America, Europe, Asia-Pacific, Middle East and Africa and Rest of World. In this sector, global competitive landscape and supply/demand pattern of 1,4-Cyclohexanedicarboxylic Acid (CHDA) industry has been provided.

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## **DISCLAIMER**

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