

# **Global Microencapsulation Market By Application (Pharmaceuticals, Household products and utilities, Agrochemicals, Food and Feed additives and Others), By Region (2014 – 2021)**

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## **Abstracts**

Global Microencapsulation Market By Applications (Pharmaceuticals, Household Utilities, Agrochemicals, Food And Feed Additives, And Others Including PCM) and By Geography

Global microencapsulation market is expanding at CAGR 9% for the forecast period. Global recognition of microencapsulation for speciality ingredients and household applications has enhanced the market growth. The global microencapsulation market report projects Asia Pacific to be the fastest growing market during period of 2015 – 2021. Microencapsulation is applied in areas such as pharmaceuticals, functional foods, beverage, industrial chemicals agrochemicals, detergents, and many others.

Microencapsulation is an application process of micro coatings small particles or droplets to enhance its properties. These small particles can be solids, liquids or gases such as food ingredients, drugs, flavors, pesticides, enzymes, vitamins, agrochemicals, catalysts, cells or other micrometric materials. Microcapsules are tiny spherical product of microencapsulation, having uniform coating of polymeric and non-polymeric materials. Ethyl cellulose, polyvinyl alcohol, gelatin and sodium alginate are the most utilized materials for coating. Pan coating, spray drying, and others are the techniques that are incorporated for coating the microcapsules.

The global microencapsulation market report covers segmentation by applications such as pharmaceuticals, household utilities, agrochemicals, food and feed additives and others including phase change material (PCM). Geographically, it is segmented as

North America, Europe, Asia Pacific, Latin America and Middle East and Africa. North America followed by Europe is the leading geography in terms demand. Pharmaceuticals is rapidly is growing in emerging countries like India, China and Brazil.

Rising demand for functional foods, growing demand of microencapsulation in pharmaceutical and detergents market are the major drivers for growth of the global microencapsulation market. In addition, growing demand for microencapsulation in textile industry is a opportunity for wide spread growth. However, development of functional food ingredients to be incorporated in the food is a Challenge for this market. In addition, upcoming nanotechnology and macrotechnology in pharmaceutical will restraint the growth of microencapsulation market.

Major players, to enhance the productivity of their products integrated microencapsulation technology. Fungicide, pet odour neutralising products, and phase change materials (PCM) are some of the products developed and commercialized using microencapsulation process. The industry focused on agreements, merger and acquisition to attribute research and development (R&D), biocontrol and life sciences, emulsion technology, and many others.

Leading players in the global microencapsulation market are BASF S. E, Dow Corning Corporation, Bayer AG, Ronald T. Dodge Company, Aveka, Inc., APPVION INC., Lipo Technologies, Microtek Laboratories, Inc., Taste Tech Ltd. and others. The companies are likely to adopt merger and acquisition strategy during the forecast period.

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