

Biocides Market by Type (Metallic Compounds, Halogen-Based Biocides, Organic Acids, Sulphones, Phenol-Based Biocides, and Others) and End-Use Industry (Food & Beverage, Construction, Agriculture, Pharmaceutical, Personal Care, Water Treatment, Paints & Coatings, Home Care, and Others): Global Opportunity Analysis and Industry Forecast, 2020–2027

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Abstracts

The global biocides market was valued at \$12.7 billion in 2019, and is projected to reach \$20.7 billion by 2027, growing at a CAGR of 6.8% from 2020 to 2027.

The effects of biocides are based on its chemical properties, size & characteristics of the organism, biocide concentration, treatment/application process, contact time, and water quality. Biocides are substances or mixtures consisting one or more active substances to inhibit microbial activities and exert a controlling effect on harmful & undesired organisms. They cover a wide range of products such as disinfectants, wood preservatives, rodenticides, shelf life extenders, antifouling agents, and preservatives, which are applicable in hospitals, homes, personal care, and other industries to destroy and control viruses, bacteria, algae, molds, insects, and mice. The use of biocides for water treatment in various sectors such as household, industrial, and commercial has led to the growth in demand for biocides. Asia-Pacific region is expected to emerge as the market leader for biocides, owing to stringent regulations toward the supply & usage of toxic & untreated drinking water and rise in demand from end-use sectors such as plastics, food processing, paper & pulp, and personal care.



Developing countries have witnessed high demand for biocides, owing to rapid industrialization and increase in demand from the oil & gas sectors such as oilfield, pipeline, and refinery. Additive applications such as use of hydraulic fracturing techniques (tight oil and shale gas formations), which require biocides to prevent corrosion and production issues that may be caused by bacterial contamination is further expected to fuel the demand for biocides. In addition, rise in demand from pulp & paper manufacturing and plastics production and increase in awareness for protection against growth of bacteria and pathogens in the food & beverages industry are anticipated to drive the market growth during the forecast period. Moreover, it has become a regulatory trend to replace conventional chemicals such as chlorine in industrial water treatment applications with low-cost commodities to be further used in municipal water treatment. Market players focus on catering to the high demand for specialty biocides and its products and their variability. However, an environmental concern about the disposal and impact of toxic biocidal products is projected to reduce market penetration for these products in upcoming years.

The global biocides market is segmented on the basis of type, end-use industry, and region. Depending on type, the market is bifurcated into metallic compounds, halogen-based biocides, organic acids, sulphones, phenol-based biocides, and others. The metallic compounds segment is further sub-categorized into copper, mercury, magnesium, and others. The halogen-based biocides segment is further classified into chlorine, bromine, iodine, and others. The organic acid segment is sub-segmented into formic acid, lactic acid, ascorbic acid, and others. Based on the end-use industry, the global biocides market is segmented into food & beverage, construction, agriculture, pharmaceutical, personal care, water treatment, paints & coatings, home care, and others. Region wise, the market is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

KEY BENEFITS FOR STAKEHOLDERS

The report provides an extensive qualitative and quantitative analysis of the current trends and future estimations of the global biocides market from 2020 to 2027 to determine the prevailing opportunities

A comprehensive analysis of the factors that drive and restrict the growth of the market is provided

Estimations and forecast are based on factors impacting the market growth, in terms of both value and volume



Profiles of leading players operating in the market are provided to understand the global competitive scenario

The report provides extensive qualitative insights on the significant segments and regions exhibiting favorable market growth

KEY MARKET SEGMENTS			
By Type			
Metallic Compounds			
Halogen-Based Biocides			
Organic Acids			
Sulphones			
Phenol-Based Biocides			
Others			

By End-Use Industry

Food & Beverages

Construction

Agriculture

Pharmaceuticals

Personal Care

Water Treatment



	Paints & Coatings			
	Home Care			
	Others			
By Reg	gion			
	North America			
		U.S.		
		Canada		
		Mexico		
	Europe	•		
		France		
		Germany		
		UK		
		Spain		
		Italy		
		Rest of Europe		
	Asia-Pa	acific		
		India		
		China		
		Japan		



South Korea

Rest of Asia-Pacific

Australia

l	_AMEA
	Brazil
	Saudi Arabia
	South Africa
	Rest of LAMEA
KEY MA	ARKET PLAYERS
E	Berkshire Hathaway
E	BASF SE
[DuPont
ŀ	Kerry
Ş	Solvay SA
l	∟onza Group AG
l	_anxess AG
-	Thor Group Limited
(Clariant AG
(Corbion N.V.
D::-	



Kemin Industries, Inc.

Nouryon

The other players in the value chain include Arkema SA, Troy Corporation, Ercros, SK Chemicals Ltd., Kemira OYJ, and others.



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