

# 2018 Top 5 Antifouling Agent Players in North America, Europe, Asia-Pacific, South America, Middle East and Africa

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## **Abstracts**

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The antifouling agent utilizes its strong osmotic action, does not form a film on the surface layer, penetrates into the internal micropores, and forms a nanoscopic spherical crystalline curing layer, which can excellently prevent the entry of various water pollutants without affecting the color of the substrate. And permeability, to avoid the substrate caused by moisture retention inside the substrate lesions; dust and pollution can only float on the substrate surface, easy to clean. Waterproof and anti-fouling protection agent has strong penetration and plays a full protective role on the ground of buildings.

Fouling damages the body of the ship and decreases maneuverability which further leads to safety hazards. Therefore, coating shipping vessels with antifouling agents enhances not only the strength but also the overall performance of the vessels. These agents improve vessel performance by inhibiting the growth of sub-aquatic organisms on the underwater surfaces of the same. Commercial ships are generally coated with synthetic chemical compound paints. These chemical paints have adverse environmental effects. Rising ecological concerns are fuelling the need for biologically derived eco-friendly antifouling options. These may provide biomimetic and natural antifouling coatings. Biomimetics are expected to spur newer innovations in non-toxic options.

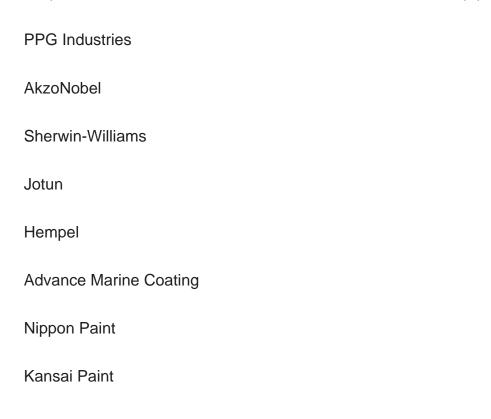
Middle East and Africa (MEA) antifouling agent market size was valued at more than USD 22 million in 2017 and is anticipated to increase further due to increase in capital expenditure for the offshore vessels development in Nigeria, Saudi Arabia, and Angola. Europe antifouling agent market demand was above 6 kilo tons in 2017. Countries including the UK and Italy where high penetration of yacht manufacturers is



noted is likely to be among the key factors to drive the demand in the region.U.S. antifouling agent market size witnessed demand of more than 3 kilo tons in 2017 and is projected to observe significant growth over the forecast period. Increase in unconventional sources production such as tight oil and shale gas in Canada and the U.S. is expected to favorably impact the industry.

Over the next five years, LPI(LP Information) projects that Antifouling Agent will register a xx% CAGR in terms of revenue, reach US\$ xx million by 2023, from US\$ xx million in 2017.

This report studies the global market, especially in North America, Europe, Asia-Pacific, South America, Middle East and Africa, focuses on the top 5 players in each region, with sales, price, revenue and market share from 2013 to 2018, the top players:



Market Segment by Regions, this report splits Global into several key Regions, with sales, revenue, market share of top players in these regions, from 2013 to 2018 (forecast), like

North America (United States, Canada and Mexico)

Asia-Pacific (China, Japan, Southeast Asia, India and Korea)



Europe (Germany, UK, France, Italy and Russia etc.)

South America (Brazil, Chile, Peru and Argentina)

Middle East and Africa (Egypt, South Africa, Saudi Arabia)

Split by Product Types, with sales, revenue, price, market share of each type, can be divided into

Organotin Compounds

**Biocides** 

Copper

Split by applications, this report focuses on sales, market share and growth rate in each application, can be divided into

Shipping Vessels

**Drilling Rigs & Production Platform** 

Gas & Oil



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