

Global Fluorosurfactant Market Survey and Trend Research 2018

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Abstracts

SUMMARY

Fluorosurfactant are synthetic organofluorine chemical compounds that have multiple fluorine atoms. They can be polyfluorinated or fluorocarbon-based. As surfactants, they are more effective at lowering the surface tension of water than comparable hydrocarbon surfactants. Fluorosurfactants can lower the surface tension of water down to a value half of what is attainable by using hydrocarbon surfactants. This ability is due to the lipophobic nature of fluorocarbons, as fluorosurfactants tend to concentrate at the liquid-air interface. They are not as susceptible to the London dispersion force, a factor contributing to lipophilicity, because the electronegativity of fluorine reduces the polarizability of the surfactants' fluorinated molecular surface. Therefore, the attractive interactions resulting from the "fleeting dipoles" are reduced, in comparison to hydrocarbon surfactants. Fluorosurfactants are more stable and fit for harsh conditions than hydrocarbon surfactants because of the stability of the carbon–fluorine bond. Likewise, perfluorinated surfactants persist in the environment for that reason.

This report describes the development of the industry by upstream & downstream, industry overall and development, key companies, as well as type segment & market application and so on, and makes a scientific prediction for the development industry prospects on the basis of analysis, finally, analyzes opportunities for investment in the industry at the end of the report.

Industry Chain

Raw Materials



Cost

Technology

Consumer Preference

Industry Overall:

History

Development & Trend

Market Competition

Trade Overview

Policy

Region (North America, Europe, Asia-Pacific, South America, Middle East, Africa):

Regional Market

Production Development

Sales

Regional Trade

Regional Forecast

Company (DuPont, The 3M Company, Advanced Polymer, DIC Corporation, ChemGuard, ChemGuard, AGC Seimi Chemical Co, Merck KGaA, Pilot Chemical, OMNOVA Solutions, Dynax Corporation, Maflon, Innovative Chemical Technologies, Daikin, Hunan Nonferrous Chenzhou Fluoride Chemical, Yumu Chemical etc.):

Company Profile



Product & Service

Business Operation Data

Market Share

Investment Analysis:

Market Features

Investment Opportunity

Investment Calculation



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