In terms of value, the global sludge treatment chemicals market stood at US$ 6,580.0 Mn in 2015, which is projected to exhibit a CAGR of 4.8% over the forecast period, to reach US$ 10,944 Mn by the end of 2026.

Increasing number of industries and sludge treatment plants at municipal level is boosting the demand in the global sludge treatment chemicals market.

Increasing efforts towards water conservation activities by industrial bodies, municipal corporations and environmental associations is driving the demand in the global sludge treatment chemicals market. The increasing number of industries globally and sludge treatment plants at municipal level is further expected to drive the global sludge treatment chemicals market.

One of the major trends in the global sludge treatment chemicals market is the introduction of multifunctional chemicals like copolymers of AETAC (N,N-Dimethylaminoethyl Acrylate Methyl Chloride Quaternary) that can perform dual functions by both coagulating with positive charge and flocculating with high molecular weight. Similarly, Kurita Water Industries launched a multifunctional polymer which could perform dual functions of anti-scaling and dispersion.

The non-chemicals method like filters and membranes are growing at a faster rate than the use of chemicals especially for municipal sludge treatment plants as this technology is more hygienic and creates less pollution. The use of membrane bioreactor can eliminate the cost for tertiary treatment. In addition, increased awareness and concern towards climate change and more sustainable products may change demand towards water treatment technologies with lower chemical consumption, and this may have a negative impact on the global sludge treatment chemicals market.

Besides, high operational costs of sludge treatment plants with a major cost comprising of the cost of chemicals may also act as a restraint in the global sludge treatment chemicals market.

Market Segmentation

By Product Type
- Flocculant
- Cationic
- Anionic
- Coagulant
- Organic
- Inorganic
- Disinfectant
- Anti Fouulant
- Anti Foamer
- Activated Carbon

By Application
- Municipal
- Industrial
- Paper and Pulp
- Food and Beverage
- Oil and Gas
- Metal Processing
- Chemical and Fertilizer
- Automotive
- Others
Flocculant segment is estimated to account for 56.3% of the share in the global sludge treatment chemicals market by 2016 end.

In terms of value, flocculant segment is estimated to account for 56.3% of the share in the global sludge treatment chemicals market by 2016 end. The market share for disinfectants is expected to increase by 1.8x with sales expected to be valued at US$ 656.4 Mn by 2026 end.

Municipal segment accounted for a major market share in terms of revenue by 2016 end.

On the basis of application, the global sludge treatment chemicals market is segmented into industrial and municipal segment. Municipal segment accounted for a major market share in terms of revenue by the end of 2016 and is expected to register a significant CAGR over the forecast period.

Primary treatment is expected to dominate the market share in terms of value and volume over the forecast period.

On the basis of treatment, global sludge chemicals market is segmented into primary and tertiary treatment. Tertiary segment is expected to exhibit a CAGR of 5.1% over the forecast period. However, primary treatment is expected to dominate the market share in terms of value and volume over the forecast period.

The sludge treatment chemicals market in the Asia Pacific is expected to exhibit a value CAGR of 6.0% during the forecast period.

North America is estimated to account for over 32% share of the global sludge treatment chemicals market in terms of value by the end of 2016. The market in the Asia Pacific is expected to exhibit a value CAGR of 6.0% over the forecast period. Markets in North America and Europe are estimated to collectively account for over 60% market share in terms of value by the end of 2016.

Strengthening of supply chain, particularly in regions such as APEJ and Latin America, is key focus area for players in this market.

Some of the key players identified in the global sludge treatment chemicals market are BASF SE, Chembond Chemicals Limited, GE Water and Process Technologies, Kurita Water Industries Ltd., Kemira Oyj., Thermax Ltd., Akzonobel N.V., Solenis, Veolia Water Technologies etc.

Strengthening of supply chain, particularly in regions such as APEJ and Latin America, is key focus area for players in this market. Manufacturers are focused on developing multifunctional polymers which could help in cost cutting and improved efficiency. A number of sludge treatment chemicals manufactures have been involved in strategic mergers and acquisitions to expand their customer base globally.
3.1.2. Price Projections Per Region
3.2. Market Size (US$ Mn) and Forecast
3.2.1. Market Size and Y-o-Y Growth
3.2.2. Absolute $ Opportunity
3.3. Market Overview
3.3.1. Value Chain
3.3.2. List of Active Participants
3.3.2.1. Raw Material
3.3.2.2. Intermediate Products
3.3.2.3. Manufacturers
3.3.2.4. Distributors / Retailers

4. Market Dynamics
4.1. Macro-economic Factors
4.2. Drivers
4.3. Restraints
4.4. Opportunity
4.5 Trends
4.6. Forecast Factors - Relevance and Impact

5. Global Sludge Treatment Chemicals Market Analysis and Forecast, By Product Type
5.1. Introduction
5.1.1. Basis Point Share (BPS) Analysis By Product Type
5.1.2. Y-o-Y Growth Projections By Product Type
5.2. Market Size (US$ Mn) and Volume Forecast By Product Type
5.2.1. Flocculant
5.2.1.1. Cationic
5.2.1.2. Anionic
5.2.2. Coagulant
5.2.2.1. Organic
5.2.2.2. Inorganic
5.2.3. Disinfectants
5.2.4. Anti Foulingants
5.2.5. Anti Foamers
5.2.6. Activated Carbon
5.3. Market Attractiveness Analysis By Product Type
5.4. Prominent Trends

6. Global Sludge Treatment Chemicals Market Analysis and Forecast, By Application
6.1. Introduction
6.1.1. Basis Point Share (BPS) Analysis By Application
6.1.2. Y-o-Y Growth Projections By Application
6.1.3. Comparative Analysis By Application
6.2. Market Size (US$ Mn) and Volume Forecast By Application
6.2.1. Industrial
6.2.1.1. Paper and Pulp Industry
6.2.1.2. Food and Beverage Industry
6.2.1.3. Oil and Gas Industry
6.2.1.4. Metal Processing Industry
6.2.1.5. Chemical and Fertilizer
6.2.1.6. Automotive
6.2.1.7. Others
6.2.2. Municipal
6.3. Market Attractiveness Analysis By Application
6.4. Prominent Trends

7. Global Sludge Treatment Chemicals Market Analysis and Forecast, By Treatment
7.1. Introduction
7.1.1. Basis Point Share (BPS) Analysis By Treatment
7.1.2. Y-o-Y Growth Projections By Treatment
7.2. Market Size (US$ Mn) and Volume Forecast By Treatment
7.2.1. Primary
7.2.2. Tertiary
7.3. Market Attractiveness Analysis By Treatment
7.4. Prominent Trends

8. Global Sludge Treatment Chemicals Market Analysis and Forecast, By Region
8.1. Introduction
8.1.1. Basis Point Share (BPS) Analysis By Region
8.1.2. Y-o-Y Growth Projections By Region
8.2. Market Size (US$ Mn) and Volume Forecast By Region
8.2.1. North America
8.2.2. Eastern Europe
8.2.3. Western Europe
8.2.4. Latin America
8.2.5. Asia Pacific Excl. Japan (APEJ)
8.2.6. Japan
8.2.7. Middle East and Africa (MEA)
8.3. Market Attractiveness Analysis By Region

9.1. Introduction
9.1.1. Basis Point Share (BPS) Analysis By Country
9.1.2. Y-o-Y Growth Projections By Country
9.2. Market Size (US$ Mn) and Volume Forecast By Country
9.2.1. U.S.
9.2.2. Canada
9.3. Market Size (US$ Mn) and Volume Forecast By Product Type
9.3.1. Flocculant
9.3.1.1. Cationic
9.3.1.2. Anionic
9.3.2. Coagulant
9.3.2.1. Organic
9.3.2.2. Inorganic
9.3.3. Disinfectants
9.3.4. Anti Foulants
9.3.5. Anti Foamers
9.3.6. Activated Carbon
9.4. Market Size (US$ Mn) and Volume Forecast By Application
9.4.1. Industrial
9.4.1.1. Paper and Pulp Industry
9.4.1.2. Food and Beverage Industry
9.4.1.3. Oil and Gas Industry
9.4.1.4. Metal Processing Industry
9.4.1.5. Chemical and Fertilizer
9.4.1.6. Automotive
9.4.1.7. Others
9.4.2. Municipal
9.5. Market Size (US$ Mn) and Volume Forecast By Treatment
9.5.1. Primary
9.5.2. Tertiary
9.6. Market Attractiveness Analysis
9.6.1. By Country
9.6.2. By Product Type
9.6.3. By Application
9.6.4. By Treatment
9.7. Prominent Trends
9.8. Drivers and Restraints: Impact Analysis

10. Eastern Europe Sludge Treatment Chemicals Market Analysis and Forecast
10.1. Introduction
10.1.1. Basis Point Share (BPS) Analysis By Country
10.1.2. Y-o-Y Growth Projections By Country
10.2. Market Size (US$ Mn) and Volume Forecast By Country
10.2.1. Russia
10.2.2. Poland
10.2.3. Rest of Eastern Europe

10.3. Market Size (US$ Mn) and Volume Forecast By Product Type
10.3.1. Flocculant
10.3.1.1. Cationic
10.3.1.2. Anionic
10.3.2. Coagulant
10.3.2.1. Organic
10.3.2.2. Inorganic
10.3.3. Disinfectants
10.3.4. Anti Foulants
10.3.5. Anti Foamers
10.3.6. Activated Carbon

10.4. Market Size (US$ Mn) and Volume Forecast By Application
10.4.1. Industrial
10.4.1.1. Paper and Pulp Industry
10.4.1.2. Food and Beverage Industry
10.4.1.3. Oil and Gas Industry
10.4.1.4. Metal Processing Industry
10.4.1.5. Chemical and Fertilizer
10.4.1.6. Automotive
10.4.1.7. Others
10.4.2. Municipal

10.5. Market Size (US$ Mn) and Volume Forecast By Treatment
10.5.1. Primary
10.5.2. Tertiary

10.6. Market Attractiveness Analysis
10.6.1. By Country
10.6.2. By Product Type
10.6.3. By Application
10.6.4. By Treatment
10.7. Prominent Trends

11. Drivers and Restraints: Impact Analysis

12. Western Europe Sludge Treatment Chemicals Market Analysis and Forecast
12.1. Introduction
12.1.1. Basis Point Share (BPS) Analysis By Country
12.1.2. Y-o-Y Growth Projections By Country
12.1.3. Key Regulations
12.2. Market Size (US$ Mn) and Volume Forecast By Country
12.2.1. Germany
12.2.2. France
12.2.3. Italy
12.2.4. Spain
12.2.5. U.K.
12.2.6. BENELUX
12.2.7. Rest of Western Europe

12.3. Market Size (US$ Mn) and Volume Forecast By Product Type
12.3.1. Flocculant
12.3.1.1. Cationic
12.3.1.2. Anionic
12.3.2. Coagulant
12.3.2.1. Organic
12.3.2.2. Inorganic
12.3.3. Disinfectants
12.3.4. Anti Foulants
12.3.5. Anti Foamers
12.3.6. Activated Carbon

12.4. Market Size (US$ Mn) and Volume Forecast By Application
12.4.1. Industrial
12.4.1.1. Paper and Pulp Industry
12.4.1.2. Food and Beverage Industry
12.4.1.3. Oil and Gas Industry
12.4.1.4. Metal Processing Industry
12.4.1.5. Chemical and Fertilizer
12.4.1.6. Automotive
12.4.1.7. Others
12.4.2. Municipal
12.5. Market Size (US$ Mn) and Volume Forecast By Treatment
12.5.1. Primary
12.5.2. Tertiary
12.6. Market Attractiveness Analysis
12.6.1. By Country
12.6.2. By Product Type
12.6.3. By Application
12.6.4. By Treatment
12.7. Prominent Trends
12.8. Drivers and Restraints: Impact Analysis

13. Latin America Sludge Treatment Chemicals Market Analysis and Forecast
13.1. Introduction
13.1.1. Basis Point Share (BPS) Analysis By Country
13.1.2. Y-o-Y Growth Projections By Country
13.2. Market Size (US$ Mn) and Volume Forecast By Country
13.2.1. Brazil
13.2.2. Mexico
13.2.3. Rest of Latin America
13.3. Market Size (US$ Mn) and Volume Forecast By Product Type
13.3.1. Flocculant
13.3.1.1. Cationic
13.3.1.2. Anionic
13.3.2. Coagulant
13.3.2.1. Organic
13.3.2.2. Inorganic
13.3.3. Disinfectants
13.3.4. Anti Fouling
13.3.5. Anti Foamers
13.3.6. Activated Carbon
13.4. Market Size (US$ Mn) and Volume Forecast By Application
13.4.1. Industrial
13.4.1.1. Paper and Pulp Industry
13.4.1.2. Food and Beverage Industry
13.4.1.3. Oil and Gas Industry
13.4.1.4. Metal Processing Industry
13.4.1.5. Chemical and Fertilizer
13.4.1.6. Automotive
13.4.1.7. Others
13.4.2. Municipal
13.5. Market Size (US$ Mn) and Volume Forecast By Treatment
13.5.1. Primary
13.5.2. Tertiary
13.6. Market Attractiveness Analysis
13.6.1. By Country
13.6.2. By Product Type
13.6.3. By Application
13.6.4. By Treatment
13.7. Prominent Trends
13.8. Drivers and Restraints: Impact Analysis

14.1. Introduction
14.1.1. Basis Point Share (BPS) Analysis By Country
14.1.2. Y-o-Y Growth Projections By Country
14.2. Market Size (US$ Mn) and Volume Forecast By Country
14.2.1. China
14.2.2. India
14.2.3. ASEAN
14.2.4. Australia and New Zealand
14.2.5. Rest of APEJ
14.3. Market Size (US$ Mn) and Volume Forecast By Product Type
14.3.1. Flocculant
14.3.1.1. Cationic
14.3.1.2. Anionic
14.3.2. Coagulant
14.3.2.1. Organic
14.3.2.2. Inorganic
14.3.3. Disinfectants
14.3.4. Anti Foulants
14.3.5. Anti Foamers
14.3.6. Activated Carbon
14.4. Market Size (US$ Mn) and Volume Forecast By Application
14.4.1. Industrial
14.4.1.1. Paper and Pulp Industry
14.4.1.2. Food and Beverage Industry
14.4.1.3. Oil and Gas Industry
14.4.1.4. Metal Processing Industry
14.4.1.5. Chemical and Fertilizer
14.4.1.6. Automotive
14.4.1.7. Others
14.4.2. Municipal
14.5. Market Size (US$ Mn) and Volume Forecast By Treatment
14.5.1. Primary
14.5.2. Tertiary
14.6. Market Attractiveness Analysis
14.6.1. By Country
14.6.2. By Product Type
14.6.3. By Application
14.6.4. By Treatment
14.7. Prominent Trends
14.8. Drivers and Restraints: Impact Analysis

15. Japan Sludge Treatment Chemicals Market Analysis and Forecast
15.1. Introduction
15.2. Market Size (US$ Mn) and Volume Forecast By Product Type
15.2.1. Flocculant
15.2.1.1. Cationic
15.2.1.2. Anionic
15.2.2. Coagulant
15.2.2.1. Organic
15.2.2.2. Inorganic
15.2.3. Disinfectants
15.2.4. Anti Foulants
15.2.5. Anti Foamers
15.2.6. Activated Carbon
15.3. Market Size (US$ Mn) and Volume Forecast By Application
15.3.1. Industrial
15.3.1.1. Paper and Pulp Industry
15.3.1.2. Food and Beverage Industry
15.3.1.3. Oil and Gas Industry
15.3.1.4. Metal Processing Industry
15.3.1.5. Chemical and Fertilizer
15.3.1.6. Automotive
15.3.1.7. Others
15.3.2. Municipal
15.4. Market Size (US$ Mn) and Volume Forecast By Treatment
15.4.1. Primary
15.4.2. Tertiary
15.5. Market Attractiveness Analysis
15.5.1. By Product Type
15.5.2. By Application
15.5.3. By Treatment
15.6. Prominent Trends
15.7. Drivers and Restraints: Impact Analysis

16. Middle East and Africa Sludge Treatment Chemicals Market Analysis and Forecast
16.1. Introduction
16.1.1. Basis Point Share (BPS) Analysis By Country
16.1.2. Y-o-Y Growth Projections By Country
16.2. Market Size (US$ Mn) and Volume Forecast By Country
16.2.1. GCC
16.2.2. South Africa
16.2.3. Turkey
16.2.4. Rest of Middle East and Africa
16.3. Market Size (US$ Mn) and Volume Forecast By Product Type
16.3.1. Flocculant
16.3.1.1. Cationic
16.3.1.2. Anionic
16.3.2. Coagulant
16.3.2.1. Organic
16.3.2.2. Inorganic
16.3.3. Disinfectants
16.3.4. Anti Foulants
16.3.5. Anti Foamers
16.3.6. Activated Carbon
16.4. Market Size (US$ Mn) and Volume Forecast By Application
16.4.1. Industrial
16.4.1.1. Paper and Pulp Industry
16.4.1.2. Food and Beverage Industry
16.4.1.3. Oil and Gas Industry
16.4.1.4. Metal Processing Industry
16.4.1.5. Chemical and Fertilizer
16.4.1.6. Automotive
16.4.1.7. Others
16.4.2. Municipal
16.5. Market Size (US$ Mn) and Volume Forecast By Treatment
16.5.1. Primary
16.5.2. Tertiary
16.6. Market Attractiveness Analysis
16.6.1. By Country
16.6.2. By Product Type
16.6.3. By Application
16.6.4. By Treatment
16.7. Prominent Trends
16.8. Drivers and Restraints: Impact Analysis

Ordering:
Order Online - http://www.researchandmarkets.com/reports/4031476/
Order by Fax - using the form below
Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Product Name: Sludge Treatment Chemicals Market: Flocculant Product Type Segment Estimated to Account for Maximum Market Value Share Between 2016 and 2026: Global Industry Analysis and Opportunity Assessment, 2016-2026
Web Address: http://www.researchandmarkets.com/reports/4031476/
Office Code: SC2GZ7DI

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Format</th>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - Single User:</td>
<td>[ ]</td>
<td>USD 5000</td>
</tr>
<tr>
<td>Electronic (PDF) - Site License:</td>
<td>[ ]</td>
<td>USD 7500</td>
</tr>
<tr>
<td>Electronic (PDF) - Enterprisewide:</td>
<td>[ ]</td>
<td>USD 10000</td>
</tr>
</tbody>
</table>

* The price quoted above is only valid for 30 days. Please submit your order within that time frame to avail of this price as all prices are subject to change.

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: [ ] Mr [ ] Mrs [ ] Dr [ ] Miss [ ] Ms [ ] Prof
First Name: ___________________________ Last Name: ___________________________
Email Address: * ___________________________
Job Title: ___________________________
Organisation: ___________________________
Address: ___________________________
City: ___________________________
Postal / Zip Code: ___________________________
Country: ___________________________
Phone Number: ___________________________
Fax Number: ___________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer:
Please transfer funds to:

<table>
<thead>
<tr>
<th>Account number</th>
<th>833 130 83</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sort code</td>
<td>98-53-30</td>
</tr>
<tr>
<td>Swift code</td>
<td>ULSBIE2D</td>
</tr>
<tr>
<td>IBAN number</td>
<td>IE78ULSB98533083313083</td>
</tr>
</tbody>
</table>
| Bank Address   | Ulster Bank,
                 27-35 Main Street,
                 Blackrock,
                 Co. Dublin,
                 Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: ____________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World