

Global Biocide Market by Types, Applications, Trends & Forecast (2011 – 2016)

<https://marketpublishers.com/r/G771F213A45EN.html>

Date: June 2012

Pages: 246

Price: US\$ 5,650.00 (Single User License)

ID: G771F213A45EN

Abstracts

Global Biocide Market - By Types, Applications, Trends & Forecast (2011 – 2016)

Biocides are substances that kill or inhibit all life forms when introduced in sufficient concentration and/or duration. They are used to control harmful organisms and control bacterial and fungal growth. Different types of biocide such as halogen compounds, metallic compounds, organosulfurs, organic acids, phenolic, etc. are used for various applications in personal care, water treatment, wood preservation, food and beverage, paints and coatings, and others. Growth in water treatment market on account of increasing water consumption due to population growth, changing food habits, and climate change is a major driver for global biocide market.

Biocides are also used as additives in polymers for preventing the growth of bacteria or fungi and also to prevent degradation of polymer's physical and sensorial properties, both within the material and at its surface. The incorporation of biocides in plastics and rubbers helps in reducing cost and effort required in cleaning especially, in demanding sectors such as food processing plants, hospitals, and home care.

Biocides are becoming compliant to environment regulations as more and more companies are meeting the regulations. The newer breed of biocide, which have lesser environmental impact and better performance features are key drivers of the biocide market. Higher priced specialty biocides are providing stiff competition to the commodity biocides.

Biocide market is also witnessing an increase in demand for environmentally friendly biocides in disinfectants and sanitizers in household, industrial, and institutional cleaners as compared to other biocide formulations. Other applications of biocides such

as health care industry are growing due to increasing health consciousness thus leading to need for protection from infections.

The best growth opportunities for the biocide products are in the Asia-Pacific and Eastern Europe region, whereas mature North American and West European markets are predictable to register a modest growth. Moreover, China will be the fastest-growing country in global biocide market as its strong economic growth continues. In mature markets such as the U.S., Western Europe, and Japan, growth will be driven more by a shift to higher value products rather than by significant volume pick-up.

We have used various secondary sources such as encyclopedia, directories, and databases to identify and collect information useful for this extensive commercial study of biocide market. The primary sources – experts from related industries and suppliers have been interviewed to obtain and verify critical information as well as to assess the future prospects of biocides.

We have also profiled leading players of this industry with their recent developments and other strategic industry activities. These include : Albemarle Corporation (U.S.), AkzoNobel N.V. (The Netherlands), Ashland Inc. (U.S.), Baker Hughes Incorporated (U.S.), BASF SE (Germany), Champion Technologies (U.S.), Clariant AG (Switzerland), Cortec Corporation (U.S.), The Dow Chemical Company (U.S.), FMC Corporation (U.S.), GE Water and Process Technologies (U.S.), Kemira Oyj (Finland), Lubrizol Corporation (U.S.), LANXESS AG (Germany), Lonza Group Ltd (Switzerland), Nalco Holding Company (U.S.), Thor Group Limited (U.K.), Troy Corporation (U.S.).

Scope of the report

This biocides market research report categorizes the global market on the basis of applications, product types, and geography; forecasting volume and revenue and analyzing trends in each of the submarkets:

On the basis of applications:

The biocide market is segmented on the basis of end-user applications such as: Personal care, water treatment, wood preservation, food and beverage, and paints and coatings. Each application is further described in detail in the report with volume and revenue forecasted for each application.

On the basis of product type:

Halogen compounds, metallic compounds, organosulfurs, organic acids, and phenolic.

On the basis of geography:

North America, Europe, Asia-Pacific, and ROW and key countries in every region.

Contents

1 INTRODUCTION

- 1.1 KEY TAKE-AWAYS
- 1.2 REPORT DESCRIPTION
- 1.3 MARKETS COVERED
- 1.4 STAKEHOLDERS
- 1.5 RESEARCH METHODOLOGY
 - 1.5.1 MARKET SIZE
 - 1.5.2 KEY DATA POINTS TAKEN FROM SECONDARY SOURCES
 - 1.5.3 LIST OF SECONDARY SOURCES
 - 1.5.4 KEY DATA POINTS TAKEN FROM PRIMARY SOURCES
 - 1.5.5 ASSUMPTIONS MADE FOR THIS REPORT
 - 1.5.6 LIST OF COMPANIES COVERED DURING PRIMARIES
 - 1.5.7 KEY QUESTIONS ANSWERED

2 EXECUTIVE SUMMARY

3 MARKET OVERVIEW

- 3.1 INTRODUCTION
- 3.2 GLOBAL BIOCIDES MARKET LANDSCAPE
- 3.3 MARKET SHARE ANALYSIS
- 3.4 MARKET DYNAMICS
 - 3.4.1 DRIVERS
 - 3.4.1.1 Increasing demand for water
 - 3.4.1.2 Environmental regulations & low and zero voc coatings are driving biocides market
 - 3.4.2 RESTRAINTS
 - 3.4.2.1 Rising raw material cost
 - 3.4.2.2 Lengthy & expensive registration process
 - 3.4.3 OPPORTUNITIES
 - 3.4.3.1 High growth rate in asia-pacific region & eastern europe
 - 3.4.3.2 New applications in plastics
- 3.5 BURNING ISSUE
 - 3.5.1 GREEN TREND AFFECTS BIOCIDES DEMAND
- 3.6 WINNING IMPERATIVES
 - 3.6.1 NEW PRODUCT INNOVATION

3.7 RAW MATERIAL ANALYSIS

3.7.1 BROMINE

3.7.2 SULFUR

3.7.3 CHLORINE

3.7.4 AMMONIA

3.8 PORTER'S FIVE FORCES

3.8.1 BARGAINING POWER OF SUPPLIERS

3.8.2 BARGAINING POWER OF BUYERS

3.8.3 THREAT OF NEW ENTRANTS

3.8.4 THREAT OF SUBSTITUTES

3.8.5 DEGREE OF COMPETITION

3.9 POLICY & REGULATIONS

3.9.1 REACH

3.9.2 BIOCIDES PRODUCT DIRECTIVE (BPD)

3.9.3 FIFRA

3.9.4 PEST MANAGEMENT REGULATORY AGENCY (PMRA)

3.9.5 ENVIRONMENTAL PROTECTION AGENCY (EPA)

3.10 VALUE CHAIN ANALYSIS

3.11 PATENT ANALYSIS

3.12 PRICE ANALYSIS

4 GLOBAL BIOCIDES MARKET, BY TYPES

4.1 INTRODUCTION

4.2 HALOGEN COMPOUNDS

4.3 METALLIC COMPOUNDS

4.4 ORGANOSULFURS

4.5 ORGANIC ACIDS

4.6 PHENOLIC

4.7 OTHERS

4.7.1 NITROGEN COMPOUNDS

4.7.2 GLUTARALDEHYDE

5 GLOBAL BIOCIDES MARKET, BY APPLICATIONS

5.1 INTRODUCTION

5.2 PERSONAL CARE

5.3 WATER TREATMENT

5.4 WOOD PRESERVATION

5.5 FOOD & BEVERAGE

5.6 PAINTS & COATINGS

6 GEOGRAPHICAL ANALYSIS

6.1 INTRODUCTION

6.2 NORTH AMERICA

6.3 EUROPE

6.4 ASIA-PACIFIC

6.5 REST OF THE WORLD

7 COMPETITIVE LANDSCAPE

7.1 INTRODUCTION

7.2 MERGERS & ACQUISITIONS

7.3 PARTNERSHIPS/COLLABORATIONS/JOINT
VENTURES/AGREEMENTS/CONTRACTS

7.4 NEW PRODUCTS LAUNCH

7.5 INVESTMENTS, EXPANSIONS & OTHER DEVELOPMENTS

8 COMPANY PROFILES

8.1 AKCROS CHEMICALS LTD

8.1.1 OVERVIEW

8.1.2 FINANCIALS

8.1.3 PRODUCTS & SERVICES

8.1.4 STRATEGY

8.1.5 DEVELOPMENTS

8.2 AKZONOBEL N.V.

8.2.1 OVERVIEW

8.2.2 FINANCIALS

8.2.3 PRODUCTS & SERVICES

8.2.4 STRATEGY

8.2.5 DEVELOPMENTS

8.3 ALBEMARLE CORPORATION

8.3.1 OVERVIEW

8.3.2 FINANCIALS

8.3.3 PRODUCTS & SERVICES

8.3.4 STRATEGY

- 8.3.5 DEVELOPMENTS
- 8.4 ANPATH GROUP INCORPORATED
 - 8.4.1 OVERVIEW
 - 8.4.2 FINANCIALS
 - 8.4.3 PRODUCTS & SERVICES
 - 8.4.4 STRATEGY
 - 8.4.5 DEVELOPMENTS
- 8.5 ASHLAND INC.
 - 8.5.1 OVERVIEW
 - 8.5.2 FINANCIALS
 - 8.5.3 PRODUCTS & SERVICES
 - 8.5.4 STRATEGY
 - 8.5.5 DEVELOPMENTS
- 8.6 BAKER HUGHES INCORPORATED
 - 8.6.1 OVERVIEW
 - 8.6.2 FINANCIALS
 - 8.6.3 PRODUCTS & SERVICES
 - 8.6.4 STRATEGY
 - 8.6.5 DEVELOPMENTS
- 8.7 BASF SE
 - 8.7.1 OVERVIEW
 - 8.7.2 FINANCIALS
 - 8.7.3 PRODUCTS & SERVICES
 - 8.7.4 STRATEGY
 - 8.7.5 DEVELOPMENTS
- 8.8 BUCKMAN LABORATORIES INTERNATIONAL INC.
 - 8.8.1 OVERVIEW
 - 8.8.2 FINANCIALS
 - 8.8.3 PRODUCTS & SERVICES
 - 8.8.4 STRATEGY
 - 8.8.5 DEVELOPMENTS
- 8.9 BWA WATER ADDITIVE UK LIMITED
 - 8.9.1 OVERVIEW
 - 8.9.2 FINANCIALS
 - 8.9.3 PRODUCTS & SERVICES
 - 8.9.4 STRATEGY
 - 8.9.5 DEVELOPMENTS
- 8.10 CAMSON BIO TECHNOLOGIES LIMITED
 - 8.10.1 OVERVIEW

- 8.10.2 FINANCIALS
- 8.10.3 PRODUCTS & SERVICES
- 8.10.4 STRATEGY
- 8.10.5 DEVELOPMENTS
- 8.11 CHAMPION TECHNOLOGIES INC
 - 8.11.1 OVERVIEW
 - 8.11.2 FINANCIALS
 - 8.11.3 PRODUCTS & SERVICES
 - 8.11.4 STRATEGY
 - 8.11.5 DEVELOPMENTS
- 8.12 CLARIANT AG
 - 8.12.1 OVERVIEW
 - 8.12.2 FINANCIALS
 - 8.12.3 PRODUCTS & SERVICES
 - 8.12.4 STRATEGY
 - 8.12.5 DEVELOPMENTS
- 8.13 CORTEC CORPORATION
 - 8.13.1 OVERVIEW:
 - 8.13.2 FINANCIALS
 - 8.13.3 PRODUCTS & SERVICES
 - 8.13.4 STRATEGY
 - 8.13.5 DEVELOPMENTS
- 8.14 FMC CORPORATION
 - 8.14.1 OVERVIEW
 - 8.14.2 FINANCIALS
 - 8.14.3 PRODUCTS & SERVICES
 - 8.14.4 STRATEGY
 - 8.14.5 DEVELOPMENTS
- 8.15 GE WATER AND PROCESS TECHNOLOGIES
 - 8.15.1 OVERVIEW
 - 8.15.2 FINANCIALS
 - 8.15.3 PRODUCTS & SERVICES
 - 8.15.4 STRATEGY
 - 8.15.5 DEVELOPMENTS
- 8.16 KEMIRA OYJ
 - 8.16.1 OVERVIEW
 - 8.16.2 FINANCIALS
 - 8.16.3 PRODUCTS & SERVICES
 - 8.16.4 STRATEGY

- 8.16.5 DEVELOPMENTS
- 8.17 LANXESS AG
 - 8.17.1 OVERVIEW
 - 8.17.2 FINANCIALS
 - 8.17.3 PRODUCTS & SERVICES
 - 8.17.4 STRATEGY
 - 8.17.5 DEVELOPMENTS
- 8.18 LONZA GROUP LTD.
 - 8.18.1 OVERVIEW
 - 8.18.2 FINANCIALS
 - 8.18.3 PRODUCTS & SERVICES
 - 8.18.4 STRATEGY
 - 8.18.5 DEVELOPMENTS
- 8.19 NALCO HOLDING COMPANY
 - 8.19.1 OVERVIEW
 - 8.19.2 FINANCIALS
 - 8.19.3 PRODUCTS & SERVICES
 - 8.19.4 STRATEGY
 - 8.19.5 DEVELOPMENTS
- 8.20 RHODIA SA
 - 8.20.1 OVERVIEW
 - 8.20.2 FINANCIALS
 - 8.20.3 PRODUCTS & SERVICES
 - 8.20.4 STRATEGY
 - 8.20.5 DEVELOPMENTS
- 8.21 SIGMA-ALDRICH CORP
 - 8.21.1 OVERVIEW
 - 8.21.2 FINANCIALS
 - 8.21.3 PRODUCTS & SERVICES
 - 8.21.4 STRATEGY
 - 8.21.5 DEVELOPMENTS
- 8.22 THE DOW CHEMICAL COMPANY
 - 8.22.1 OVERVIEW
 - 8.22.2 FINANCIALS
 - 8.22.3 PRODUCTS & SERVICES
 - 8.22.4 STRATEGY
 - 8.22.5 DEVELOPMENTS
- 8.23 THE LUBRIZOL CORPORATION
 - 8.23.1 OVERVIEW

- 8.23.2 FINANCIALS
- 8.23.3 PRODUCTS & SERVICES
- 8.23.4 STRATEGY
- 8.23.5 DEVELOPMENTS
- 8.24 THOR GROUP LIMITED
 - 8.24.1 OVERVIEW
 - 8.24.2 FINANCIALS
 - 8.24.3 PRODUCTS & SERVICES
 - 8.24.4 STRATEGY
 - 8.24.5 DEVELOPMENTS
- 8.25 TROY CORPORATION
 - 8.25.1 OVERVIEW
 - 8.25.2 FINANCIALS
 - 8.25.3 PRODUCTS & SERVICES
 - 8.25.4 STRATEGY
 - 8.25.5 DEVELOPMENTS

List Of Tables

LIST OF TABLES

TABLE 1 BIOCIDES MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)
TABLE 2 BROMINE: PRICE TRENDS, 2009 – 2016 (\$/TON)
TABLE 3 SULFUR: PRICE TRENDS, 2009 – 2016 (\$/TON)
TABLE 4 CHLORINE: PRICE TRENDS, 2009 – 2016 (\$/TON)
TABLE 5 BPD REGULATIONS
TABLE 6 PMRA REGULATIONS
TABLE 7 GLOBAL BIOCIDES MARKET REVENUE, BY TYPES, 2009 – 2016 (\$MILLION)
TABLE 8 GLOBAL BIOCIDES MARKET VOLUME, BY TYPES, 2009 – 2016 (KILO TONS)
TABLE 9 TYPE OF BIOCIDES USED IN INDUSTRIAL APPLICATIONS
TABLE 10 VARIOUS METALS & THEIR CONCENTRATION
TABLE 11 DIFFERENT TYPE OF ORGANIC ACIDS & THEIR APPLICATIONS
TABLE 12 GLOBAL BIOCIDES MARKET REVENUE, BY APPLICATIONS, 2009 – 2016 (\$MILLION)
TABLE 13 GLOBAL BIOCIDES MARKET VOLUME, BY APPLICATIONS, 2009 – 2016 (KILO TONS)
TABLE 14 BIOCIDES USED IN INDUSTRIAL PRESERVATION
TABLE 15 BIOCIDES USED IN WATER TREATMENT
TABLE 16 BIOCIDES USED IN OTHER APPLICATIONS
TABLE 17 PERSONAL CARE: BIOCIDES MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)
TABLE 18 PERSONAL CARE: BIOCIDES MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (KILO TONS)
TABLE 19 WATER TREATMENT: BIOCIDES MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)
TABLE 20 WATER TREATMENT: BIOCIDES MARKET VOLUME, BY GEOGRAPHY, 2009 – 2016 (KILO TONS)
TABLE 21 WOOD PRESERVATION: BIOCIDES MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)
TABLE 22 WOOD PRESERVATION: BIOCIDES MARKET VOLUME, BY GEOGRAPHY, 2009 – 2016 (KILO TONS)
TABLE 23 FOOD & BEVERAGE: BIOCIDES MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)
TABLE 24 FOOD & BEVERAGE: BIOCIDES MARKET VOLUME, BY GEOGRAPHY,

2009 – 2016 (KILO TONS)

TABLE 25 PAINTS & COATINGS: BIOCIDES MARKET REVENUE, BY GEOGRAPHY, 2009 – 2016 (\$MILLION)

TABLE 26 PAINTS & COATINGS: BIOCIDES MARKET VOLUME, BY GEOGRAPHY, 2009 – 2016 (KILO TONS)

TABLE 27 BIOCIDES MARKET VOLUME, BY GEOGRAPHY, 2009 – 2016 (KILO TONS)

TABLE 28 NORTH AMERICA: BIOCIDES MARKET REVENUE, BY COUNTRY, 2009 – 2016 (\$MILLION)

TABLE 29 NORTH AMERICA: BIOCIDES MARKET VOLUME, BY COUNTRY, 2009 – 2016 (KILO TONS)

TABLE 30 EUROPE: BIOCIDES MARKET REVENUE, BY COUNTRY, 2009 – 2016 (\$MILLION)

TABLE 31 EUROPE: BIOCIDES MARKET VOLUME, BY COUNTRY, 2009 – 2016 (KILO TONS)

TABLE 32 ASIA-PACIFIC: BIOCIDES MARKET REVENUE, BY COUNTRY, 2009 – 2016 (\$MILLION)

TABLE 33 ASIA-PACIFIC: BIOCIDES MARKET VOLUME, BY COUNTRY, 2009 – 2016 (KILO TONS)

TABLE 34 ROW: BIOCIDES MARKET REVENUE, BY COUNTRY, 2009 – 2016 (\$MILLION)

TABLE 35 ROW: BIOCIDES MARKET VOLUME, BY COUNTRY, 2009 – 2016 (\$MILLION)

TABLE 36 MERGERS & ACQUISITIONS, 2008 – 2012

TABLE 37 AGREEMENTS, PARTNERSHIPS, COLLABORATIONS, JOINT VENTURES, 2008 – 2012

TABLE 38 NEW PRODUCTS LAUNCH, 2008 – 2012

TABLE 39 INVESTMENTS, EXPANSIONS & OTHER DEVELOPMENTS, 2008 – 2012

TABLE 40 AKCROS CHEMICALS: BIOCIDES FOR PLASTICS

TABLE 41 AKCROS CHEMICALS: BIOCIDES FOR INDUSTRIAL APPLICATIONS

TABLE 42 AKZONOBEL: TOTAL REVENUE, BY SEGMENTS, 2010 – 2011 (\$MILLION)

TABLE 43 AKZONOBEL: TOTAL REVENUE, BY GEOGRAPHY, 2010 - 2011 (\$MILLION)

TABLE 44 AKZONOBEL: PRODUCTS PORTFOLIO & ITS APPLICATIONS

TABLE 45 ALBEMARLE CORP: TOTAL REVENUE, BY SEGMENTS, 2010 – 2011 (\$MILLION)

TABLE 46 ALBEMARLE CORP: TOTAL REVENUE, BY GEOGRAPHY, 2010 - 2011 (\$MILLION)

TABLE 47 ALBEMARLE CORP: PRODUCTS PORTFOLIO & ITS APPLICATIONS

TABLE 48 ANPATH GROUP INCORPORATED: SURFACE CARE PRODUCTS & ITS APPLICATIONS

TABLE 49 ANPATH GROUP INCORPORATED: GEOBIOCIDES

TABLE 50 ANPATH GROUP INCORPORATED: ANIMAL CARE PRODUCTS

TABLE 51 ASHLAND INC: TOTAL REVENUE, BY SEGMENTS, 2010 - 2011 (\$MILLION)

TABLE 52 ASHLAND INC: TOTAL REVENUE, BY GEOGRAPHY, 2010 - 2011 (\$MILLION)

TABLE 53 ASHLAND INC: PRODUCTS PORTFOLIO & ITS APPLICATION

TABLE 54 BAKER HUGHES: TOTAL REVENUE, BY SEGMENTS, 2010 - 2011 (\$MILLION)

TABLE 55 BAKER HUGHES: TOTAL REVENUE, BY GEOGRAPHY, 2010 - 2011 (\$MILLION)

TABLE 56 BAKER HUGHES: PRODUCTS PORTFOLIO & ITS APPLICATION

TABLE 57 BASF SE: TOTAL REVENUE, BY SEGMENTS, 2010 - 2011 (\$MILLION)

TABLE 58 BASF SE: PERFORMANCE PRODUCT SEGMENT REVENUE, BY SUB-SEGMENTS, 2010 - 2011 (\$MILLION)

TABLE 59 BASF SE: PRODUCTS PORTFOLIO & ITS APPLICATIONS

TABLE 60 BUCKMAN LABORATORIES: PRODUCTS PORTFOLIO & ITS APPLICATIONS

TABLE 61 BWA WATER: PRODUCTS PORTFOLIO & ITS FEATURES

TABLE 62 CAMSON: TOTAL REVENUE, BY SEGMENTS, 2010 - 2011 (\$MILLION)

TABLE 63 CAMSON: BIO-INSECTICIDE PORTFOLIO & ITS APPLICATIONS

TABLE 64 CAMSON: BIO-FUNGICIDES PORTFOLIO & ITS APPLICATIONS

TABLE 65 CHAMPION TECHNOLOGIES: PRODUCTS PORTFOLIO & ITS APPLICATIONS

TABLE 66 CLARIANT: TOTAL REVENUE, BY SEGMENTS, 2010 - 2011 (\$MILLION)

TABLE 67 CLARIANT: TOTAL REVENUE, BY GEOGRAPHY, 2010 - 2011 (\$MILLION)

TABLE 68 CLARIANT: DRY-FILM BIOCIDES PORTFOLIO & ITS APPLICATIONS

TABLE 69 CLARIANT: DRY-IN-CAN BIOCIDES FORMULATIONS & ITS APPLICATIONS

TABLE 70 CORTEC CORP: BIOCIDES PORTFOLIO & ITS APPLICATIONS

TABLE 71 FMC CORP: TOTAL REVENUE, BY SEGMENTS, 2010 – 2011 (\$MILLION)

TABLE 72 FMC CORP: TOTAL REVENUE, BY GEOGRAPHY, 2009 - 2010 (\$MILLION)

TABLE 73 FMC CORP: PESTICIDES FOR USE IN THE FOOD INDUSTRY

TABLE 74 FMC CORP: PESTICIDES FOR ENVIRONMENTAL USE

TABLE 75 FMC CORP: PESTICIDES FOR LEGIONELLA & REFRIGERATION TOWERS

TABLE 76 FMC CORP: PESTICIDES PORTFOLIO & ITS APPLICATIONS

TABLE 77 FMC CORP: MICROBIAL CONTROL PORTFOLIO & ITS APPLICATIONS

TABLE 78 GE WATER: PRODUCTS PORTFOLIO & ITS APPLICATIONS

TABLE 79 KEMIRA: TOTAL REVENUE, BY SEGMENTS, 2010 - 2011 (\$MILLION)

TABLE 80 KEMIRA: AMERICA & ASIA-PACIFIC BIOCIDES PRODUCT LINE FOR OILFIELD APPLICATIONS

TABLE 81 KEMIRA: EUROPE BIOCIDES PRODUCT LINE FOR OILFIELD APPLICATIONS

TABLE 82 LANXESS: TOTAL REVENUE, BY SEGMENTS, 2009 - 2010 (\$MILLION)

TABLE 83 LANXESS: TOTAL REVENUE, BY GEOGRAPHY, 2009 - 2011 (\$MILLION)

TABLE 84 LANXESS: PRODUCTS PORTFOLIO & ITS APPLICATIONS

TABLE 85 LONZA GROUP: TOTAL REVENUE, BY SEGMENTS, 2010 – 2011 (\$MILLION)

TABLE 86 LONZA GROUP: BIOCIDES PRODUCTS PORTFOLIO & ITS APPLICATIONS

TABLE 87 LONZA GROUP: OTHER BIOCIDES PRODUCTS PORTFOLIO & ITS APPLICATIONS

TABLE 88 NALCO: ANNUAL REVENUE, BY SEGMENTS, 2009 - 2010 (\$MILLION)

TABLE 89 NALCO: ANNUAL REVENUE, BY GEOGRAPHY, 2009 - 2010 (\$MILLION)

TABLE 90 NALCO: PRODUCTS PORTFOLIO & ITS APPLICATIONS

TABLE 91 RHODIA SA: TOTAL REVENUE, 2009 - 2010 (\$MILLION)

TABLE 92 RHODIA: TOTAL REVENUE, BY SEGMENTS, 2009 – 2010 (\$MILLION)

TABLE 93 RHODIA: TOTAL REVENUE, BY GEOGRAPHY, 2009 – 2010 (\$MILLION)

TABLE 94 RHODIA: PRODUCTS PORTFOLIO & ITS PROPERTIES

TABLE 95 SIGMA-ALDRICH: TOTAL REVENUE, BY SEGMENTS, 2010 – 2011 (\$MILLION)

TABLE 96 SIGMA-ALDRICH: TOTAL REVENUE, BY GEOGRAPHY, 2010 – 2011 (\$MILLION)

TABLE 97 SIGMA-ALDRICH: PRODUCTS PORTFOLIO & ITS PROPERTIES

TABLE 98 DOW CHEMICAL: TOTAL REVENUE, BY SEGMENTS, 2010 - 2011 (\$MILLION)

TABLE 99 DOW CHEMICAL: TOTAL REVENUE, BY GEOGRAPHY, 2010 - 2011 (\$MILLION)

TABLE 100 DOW CHEMICAL: BIOCIDES PORTFOLIO & ITS APPLICATIONS

TABLE 101 LUBRIZOL: ANNUAL REVENUE, BY SEGMENTS, 2009 - 2010 (\$MILLION)

TABLE 102 LUBRIZOL: PRODUCTS PORTFOLIO & ITS APPLICATIONS

TABLE 103 THOR GROUP: PAINTS & INKS - WET-STATE BIOCIDES & ITS APPLICATIONS

TABLE 104 THOR GROUP: PAINTS & INKS - DRY-FILM BIOCIDES & ITS APPLICATIONS

TABLE 105 THOR GROUP: POLYMER DISPERSIONS & ADHESIVES BIOCIDES & ITS APPLICATIONS

TABLE 106 THOR GROUP: WATER TREATMENT BIOCIDES & ITS APPLICATIONS

TABLE 107 THOR GROUP: FUEL BIOCIDES PRODUCTS PORTFOLIO & ITS APPLICATIONS

TABLE 108 TROY CORP: PRODUCTS PORTFOLIO & ITS APPLICATIONS

List Of Figures

LIST OF FIGURES

FIGURE 1 WATER CONSUMPTION, BY GEOGRAPHY, 2010

FIGURE 2 GLOBAL BIOCIDES MARKET LANDSCAPE

FIGURE 3 MARKET SHARE, BY COMPANIES, 2010

FIGURE 4 BIOCIDES MARKET REVENUE, BY GEOGRAPHY, 2010

FIGURE 5 IMPACT OF MAJOR DRIVERS ON GLOBAL BIOCIDES MARKET, 2010 – 2016

FIGURE 6 IMPACT OF MAJOR RESTRAINTS ON GLOBAL BIOCIDES MARKET, 2010 – 2016

FIGURE 7 MAJOR OPPORTUNITIES IN GLOBAL BIOCIDES MARKET, 2010 – 2016

FIGURE 8 AMMONIA MARKET SHARE, BY GEOGRAPHY, 2010

FIGURE 9 PORTER'S FIVE FORCES ANALYSIS

FIGURE 10 BIOCIDES INDUSTRY – VALUE CHAIN

FIGURE 11 GLOBAL PATENT ANALYSIS, BY PLAYERS, 2007 – 2011 (%)

FIGURE 12 PATENT ANALYSIS, BY GEOGRAPHY, 2007 – 2011

FIGURE 13 GLOBAL TRENDS IN PATENT FILINGS, 2007 – 2011

FIGURE 14 BIOCIDES MARKET, BY AVERAGE PRICES, 2009 – 2016 (USD/KG)

FIGURE 15 DIFFERENT TYPE OF HALOGEN COMPOUNDS BIOCIDES

FIGURE 16 DIFFERENT TYPE OF METALLIC COMPOUNDS BIOCIDES

FIGURE 17 DIFFERENT TYPE OF ORGANOSULFUR COMPOUNDS BIOCIDES

FIGURE 18 DIFFERENT TYPE OF ORGANIC ACIDS BIOCIDES

FIGURE 19 DIFFERENT TYPE OF PHENOLIC BIOCIDES

FIGURE 20 NITROGEN-BASED BIOCIDES DEMAND, BY GEOGRAPHY, 2010

FIGURE 21 NORTH AMERICA: MARKET SHARE, BY COUNTRY, 2010

FIGURE 22 EUROPE: MARKET SHARE, BY COUNTRY, 2010

FIGURE 23 ASIA-PACIFIC: MARKET SHARE, BY COUNTRY, 2010

FIGURE 24 GLOBAL BIOCIDES MARKET SHARE, BY GROWTH STRATEGIES, 2008 – 2011

FIGURE 25 GLOBAL BIOCIDES GROWTH STRATEGY, BY COMPANY, 2008 – 2011

FIGURE 26 TRENDS IN GROWTH STRATEGIES, 2008 – 2011

FIGURE 27 GROWTH STRATEGIES, BY GEOGRAPHY, 2008 – 2011

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