

# **Fire Fighting Chemicals Market Analysis By Type (Dry Chemicals, Wet Chemicals, Dry Powder, Foam-based), By Chemicals (Monoammonium Phosphate, Halon, Carbon Dioxide, Potassium Bicarbonate, Potassium Citrate, Sodium Chloride), And Segment Forecasts, 2014 - 2025**

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## **Abstracts**

The global fire fighting chemicals market is expected to reach USD 2.94 billion by 2025, according to a new report by Grand View Research, Inc. Increasing safety concerns has been a major factor driving market growth. Employment of fire fighting chemicals services has increased owing to increasing number of favorable fire safety regulations.

Fire fighting chemicals are primarily utilized in fire fighting equipment such as automatic sprinkler systems, fixed and portable fire extinguishers, fire dampers, inert gas systems, and fire retardant bulkhead. These fire suppression chemicals are then sprayed by means of fire extinguisher over the combustion zone, in order to alleviate its temperature and thus eventually extinguish the fire.

Potassium bicarbonate is projected to be the fastest growing segment in the chemicals category over the forecast period with an estimated CAGR of 5.1% from 2017 to 2025. Potassium bicarbonate is the only dry chemical certified by National Fire Protection Agency (NFPA) U.S. for use in Aircraft Rescue and Fire Fighting (ARFF). Potassium bicarbonate is also the most preferable dry chemical for use in oil spill incidences on onshore & offshore drilling sites. It is a salty, colorless and odorless chemical. These factors are projected to boost the potassium bicarbonate segment growth over the forecast period.

Server rooms are utilized to serve as a data center. These server rooms are kept air conditioned in order to drive out the heat generated by the constant rapid activity of data transferring. However, if in case the air conditioners malfunction it might lead to heating up of the room and also cause a fire hazard. Owing to this factor, fire dampers are utilized to stop the oxygen supply to the room in case of fire occurrence. On account of this factor, fire dampers application segment is expected to show a moderate to high growth rate over the forecast period. In terms of volume, the fire dampers segment had a market share of 20.3% in 2016.

Further key findings from the report suggest:

The global fire fighting chemicals demand in terms of revenue was USD 2.10 billion in 2016 and is expected to grow at a CAGR of 3.9% from 2017 to 2025

Dry chemicals emerged as the largest type segment in 2016 and is estimated to generate revenue over USD 1.09 billion by 2025

Fire retardant bulkhead is anticipated to be the fastest growing application segment over the next eight years and in terms of revenue is estimated to grow at a CAGR of 4.3%

The Asia Pacific region in terms of revenue is anticipated to witness high growth at a CAGR of 6.2% by 2025. Increasing governmental initiative for fire safety and favorable regulations are expected to propel the regional market growth

Key players of the industry include Solvay S.A., EuroChem Group AG, Linde AG, Air Products & Chemicals, Inc., and Praxair, Inc. These major players have forward integrated their operations in order to gain competitive advantage in the market

## Contents

### CHAPTER 1 METHODOLOGY AND SCOPE

- 1.1 Research methodology
- 1.2 Research scope and assumptions
- 1.3 List of data sources

### CHAPTER 2 EXECUTIVE SUMMARY

- 2.1 Fire fighting chemicals - Industry snapshot and key buying criteria

### CHAPTER 3 FIRE FIGHTING CHEMICALS MARKET VARIABLES, TRENDS & SCOPE

- 3.1 Market segmentation & scope
- 3.2 Market size and growth prospects, 2014 - 2025
- 3.3 Fire fighting chemicals- Value chain analysis
- 3.4 Market dynamics
- 3.5 Regulatory scenario
- 3.6 Market driver analysis
  - 3.6.1 Fire fighting chemicals- Key market driver impact
    - 3.6.1.1 Growing safety concerns
    - 3.6.1.2 Favorable fire safety regulations
  - 3.6.2 Fire fighting chemicals- Key market restraints impact
    - 3.6.2.1 Adverse impact of fire fighting chemicals on human health
- 3.7 Key opportunities prioritized
- 3.8 Industry analysis - Porter's
- 3.9 PESTEL analysis

### CHAPTER 4 FIRE FIGHTING CHEMICALS MARKET: TYPE ESTIMATES & TREND ANALYSIS

- 4.1 Fire fighting chemicals market share by type, 2016 & 2025
- 4.2 Dry chemicals
  - 4.2.1 Market estimates and forecast, 2014 - 2025 (Kilotons) (USD Million)
  - 4.2.2 Market estimates and forecast, by region 2014 - 2025 (Kilotons) (USD Million)
- 4.3 Wet chemicals
  - 4.3.1 Market estimates and forecast, 2014 - 2025 (Kilotons) (USD Million)

- 4.3.2 Market estimates and forecast, by region 2014 - 2025 (Kilotons) (USD Million)
- 4.4 Dry powder
  - 4.4.1 Market estimates and forecast, 2014 - 2025 (Kilotons) (USD Million)
  - 4.4.2 Market estimates and forecast, by region 2014 - 2025 (Kilotons) (USD Million)
- 4.5 Foam-based
  - 4.5.1 Market estimates and forecast, 2014 - 2025 (Kilotons) (USD Million)
  - 4.5.2 Market estimates and forecast, by region 2014 - 2025 (Kilotons) (USD Million)

## **CHAPTER 5 FIRE FIGHTING CHEMICALS MARKET: CHEMICALS ESTIMATES & TREND ANALYSIS**

- 5.1 Fire fighting chemicals market share by chemicals, 2016 & 2025
- 5.2 Monoammonium phosphate
  - 5.2.1 Market estimates and forecast, 2014 - 2025 (Kilotons) (USD Million)
  - 5.2.2 Market estimates and forecast, by region 2014 - 2025 (Kilotons) (USD Million)
- 5.3 Halon
  - 5.3.1 Market estimates and forecast, 2014 - 2025 (Kilotons) (USD Million)
  - 5.3.2 Market estimates and forecast, by region 2014 - 2025 (Kilotons) (USD Million)
- 5.4 Carbon dioxide
  - 5.4.1 Market estimates and forecast, 2014 - 2025 (Kilotons) (USD Million)
  - 5.4.2 Market estimates and forecast, by region 2014 - 2025 (Kilotons) (USD Million)
- 5.5 Potassium bicarbonate
  - 5.5.1 Market estimates and forecast, 2014 - 2025 (Kilotons) (USD Million)
  - 5.5.2 Market estimates and forecast, by region 2014 - 2025 (Kilotons) (USD Million)
- 5.6 Potassium citrate
  - 5.6.1 Market estimates and forecast, 2014 - 2025 (Kilotons) (USD Million)
  - 5.6.2 Market estimates and forecast, by region 2014 - 2025 (Kilotons) (USD Million)
- 5.7 Sodium chloride
  - 5.7.1 Market estimates and forecast, 2014 - 2025 (Kilotons) (USD Million)
  - 5.7.2 Market estimates and forecast, by region 2014 - 2025 (Kilotons) (USD Million)
- 5.8 Others
  - 5.8.1 Market estimates and forecast, 2014 - 2025 (Kilotons) (USD Million)
  - 5.8.2 Market estimates and forecast, by region 2014 - 2025 (Kilotons) (USD Million)

## **CHAPTER 6 FIRE FIGHTING CHEMICALS MARKET: APPLICATION ESTIMATES & TREND ANALYSIS**

- 6.1 Fire fighting chemicals market share by application, 2016 & 2025
- 6.2 Portable fire extinguishers

- 6.2.1 Market estimates and forecast, 2014 - 2025 (Kilotons) (USD Million)
- 6.2.2 Market estimates and forecast, by region 2014 - 2025 (Kilotons) (USD Million)
- 6.3 Automatic sprinkler systems
  - 6.3.1 Market estimates and forecast, 2014 - 2025 (Kilotons) (USD Million)
  - 6.3.2 Market estimates and forecast, by region 2014 - 2025 (Kilotons) (USD Million)
- 6.4 Fire retardant bulkhead
  - 6.4.1 Market estimates and forecast, 2014 - 2025 (Kilotons) (USD Million)
  - 6.4.2 Market estimates and forecast, by region 2014 - 2025 (Kilotons) (USD Million)
- 6.5 Fire dampers
  - 6.5.1 Market estimates and forecast, 2014 - 2025 (Kilotons) (USD Million)
  - 6.5.2 Market estimates and forecast, by region 2014 - 2025 (Kilotons) (USD Million)
- 6.6 Others
  - 6.6.1 Market estimates and forecast, 2014 - 2025 (Kilotons) (USD Million)
  - 6.6.2 Market estimates and forecast, by region 2014 - 2025 (Kilotons) (USD Million)

## **CHAPTER 7 FIRE FIGHTING CHEMICALS MARKET: REGIONAL ESTIMATES & TREND ANALYSIS**

- 7.1 Fire Fighting Chemicals market share by region, 2016 (Volume)
- 7.2 Market estimates and forecast, by region 2014 - 2025 (Kilotons) (USD Million)
- 7.3 North America
  - 7.3.1 Market estimates and forecast, 2014 - 2025 (Kilotons) (USD Million)
  - 7.3.2 Market estimates and forecast, by type 2014 - 2025 (Kilotons) (USD Million)
  - 7.3.3 Market estimates and forecast, by chemicals 2014 - 2025 (Kilotons) (USD Million)
  - 7.3.4 Market estimates and forecast, by application 2014 - 2025 (Kilotons) (USD Million)
  - 7.3.5 U.S.
    - 7.3.5.1 Market estimates and forecast, 2014 - 2025 (Kilotons) (USD Million)
    - 7.3.5.2 Market estimates and forecast, by type 2014 - 2025 (Kilotons) (USD Million)
    - 7.3.5.3 Market estimates and forecast, by chemicals 2014 - 2025 (Kilotons) (USD Million)
    - 7.3.5.4 Market estimates and forecast, by application 2014 - 2025 (Kilotons) (USD Million)
  - 7.3.6 Canada
    - 7.3.6.1 Market estimates and forecast, 2014 - 2025 (Kilotons) (USD Million)
    - 7.3.6.2 Market estimates and forecast, by type 2014 - 2025 (Kilotons) (USD Million)
    - 7.3.6.3 Market estimates and forecast, by chemicals 2014 - 2025 (Kilotons) (USD Million)

7.3.6.4 Market estimates and forecast, by application 2014 - 2025 (Kilotons) (USD Million)

7.3.7 Mexico

7.3.7.1 Market estimates and forecast, 2014 - 2025 (Kilotons) (USD Million)

7.3.7.2 Market estimates and forecast, by type 2014 - 2025 (Kilotons) (USD Million)

7.3.7.3 Market estimates and forecast, by chemicals 2014 - 2025 (Kilotons) (USD Million)

7.3.7.4 Market estimates and forecast, by application 2014 - 2025 (Kilotons) (USD Million)

7.4 Europe

7.4.1 Market estimates and forecast, 2014 - 2025 (Kilotons) (USD Million)

7.4.2 Market estimates and forecast, by type 2014 - 2025 (Kilotons) (USD Million)

7.4.3 Market estimates and forecast, by chemicals 2014 - 2025 (Kilotons) (USD Million)

7.4.4 Market estimates and forecast, by application 2014 - 2025 (Kilotons) (USD Million)

7.4.5 UK

7.4.5.1 Market estimates and forecast, 2014 - 2025 (Kilotons) (USD Million)

7.4.5.2 Market estimates and forecast, by type 2014 - 2025 (Kilotons) (USD Million)

7.4.5.3 Market estimates and forecast, by chemicals 2014 - 2025 (Kilotons) (USD Million)

7.4.5.4 Market estimates and forecast, by application 2014 - 2025 (Kilotons) (USD Million)

7.4.6 Russia

7.4.6.1 Market estimates and forecast, 2014 - 2025 (Kilotons) (USD Million)

7.4.6.2 Market estimates and forecast, by type 2014 - 2025 (Kilotons) (USD Million)

7.4.6.3 Market estimates and forecast, by chemicals 2014 - 2025 (Kilotons) (USD Million)

7.4.6.4 Market estimates and forecast, by application 2014 - 2025 (Kilotons) (USD Million)

7.4.7 Germany

7.4.7.1 Market estimates and forecast, 2014 - 2025 (Kilotons) (USD Million)

7.4.7.2 Market estimates and forecast, by type 2014 - 2025 (Kilotons) (USD Million)

7.4.7.3 Market estimates and forecast, by chemicals 2014 - 2025 (Kilotons) (USD Million)

7.4.7.4 Market estimates and forecast, by application 2014 - 2025 (Kilotons) (USD Million)

7.4.8 France

7.4.8.1 Market estimates and forecast, 2014 - 2025 (Kilotons) (USD Million)



7.4.8.2 Market estimates and forecast, by type 2014 - 2025 (Kilotons) (USD Million)

7.4.8.3 Market estimates and forecast, by chemicals 2014 - 2025 (Kilotons) (USD Million)

7.4.8.4 Market estimates and forecast, by application 2014 - 2025 (Kilotons) (USD Million)

## 7.5 Asia Pacific

7.5.1 Market estimates and forecast, 2014 - 2025 (Kilotons) (USD Million)

7.5.2 Market estimates and forecast, by type 2014 - 2025 (Kilotons) (USD Million)

7.5.3 Market estimates and forecast, by chemicals 2014 - 2025 (Kilotons) (USD Million)

7.5.4 Market estimates and forecast, by application 2014 - 2025 (Kilotons) (USD Million)

### 7.5.5 China

7.5.5.1 Market estimates and forecast, 2014 - 2025 (Kilotons) (USD Million)

7.5.5.2 Market estimates and forecast, by type 2014 - 2025 (Kilotons) (USD Million)

7.5.5.3 Market estimates and forecast, by chemicals 2014 - 2025 (Kilotons) (USD Million)

7.5.5.4 Market estimates and forecast, by application 2014 - 2025 (Kilotons) (USD Million)

### 7.5.6 India

7.5.6.1 Market estimates and forecast, 2014 - 2025 (Kilotons) (USD Million)

7.5.6.2 Market estimates and forecast, by type 2014 - 2025 (Kilotons) (USD Million)

7.5.6.3 Market estimates and forecast, by chemicals 2014 - 2025 (Kilotons) (USD Million)

7.5.6.4 Market estimates and forecast, by application 2014 - 2025 (Kilotons) (USD Million)

### 7.5.7 South Korea

7.5.7.1 Market estimates and forecast, 2014 - 2025 (Kilotons) (USD Million)

7.5.7.2 Market estimates and forecast, by type 2014 - 2025 (Kilotons) (USD Million)

7.5.7.3 Market estimates and forecast, by chemicals 2014 - 2025 (Kilotons) (USD Million)

7.5.7.4 Market estimates and forecast, by application 2014 - 2025 (Kilotons) (USD Million)

## 7.6 Central & South America (CSA)

7.6.1 Market estimates and forecast, 2014 - 2025 (Kilotons) (USD Million)

7.6.2 Market estimates and forecast, by type 2014 - 2025 (Kilotons) (USD Million)

7.6.3 Market estimates and forecast, by chemicals 2014 - 2025 (Kilotons) (USD Million)

7.6.4 Market estimates and forecast, by application 2014 - 2025 (Kilotons) (USD Million)

Million)

#### 7.6.5 Brazil

7.6.5.1 Market estimates and forecast, 2014 - 2025 (Kilotons) (USD Million)

7.6.5.2 Market estimates and forecast, by type 2014 - 2025 (Kilotons) (USD Million)

7.6.5.3 Market estimates and forecast, by chemicals 2014 - 2025 (Kilotons) (USD Million)

7.6.5.4 Market estimates and forecast, by application 2014 - 2025 (Kilotons) (USD Million)

#### 7.6.6 Argentina

7.6.6.1 Market estimates and forecast, 2014 - 2025 (Kilotons) (USD Million)

7.6.6.2 Market estimates and forecast, by type 2014 - 2025 (Kilotons) (USD Million)

7.6.6.3 Market estimates and forecast, by chemicals 2014 - 2025 (Kilotons) (USD Million)

7.6.6.4 Market estimates and forecast, by application 2014 - 2025 (Kilotons) (USD Million)

#### 7.7 Middle East & Africa (MEA)

7.7.1 Market estimates and forecast, 2014 - 2025 (Kilotons) (USD Million)

7.7.2 Market estimates and forecast, by type 2014 - 2025 (Kilotons) (USD Million)

7.7.3 Market estimates and forecast, by chemicals 2014 - 2025 (Kilotons) (USD Million)

7.7.4 Market estimates and forecast, by application 2014 - 2025 (Kilotons) (USD Million)

#### 7.7.5 Saudi Arabia

7.7.5.1 Market estimates and forecast, 2014 - 2025 (Kilotons) (USD Million)

7.7.5.2 Market estimates and forecast, by type 2014 - 2025 (Kilotons) (USD Million)

7.7.5.3 Market estimates and forecast, by chemicals 2014 - 2025 (Kilotons) (USD Million)

7.7.5.4 Market estimates and forecast, by application 2014 - 2025 (Kilotons) (USD Million)

## CHAPTER 8 COMPETITIVE LANDSCAPE

8.1 Vendor Landscape

8.2 Competitive Environment

8.3 Strategy Framework

## CHAPTER 9 COMPANY PROFILES

9.1 Solvay S.A.



- 9.1.1 Company overview
- 9.1.2 Financial performance
- 9.1.3 Product benchmarking
- 9.1.4 Strategic initiatives
- 9.2 EuroChem Group AG
  - 9.2.1 Company overview
  - 9.2.2 Financial performance
  - 9.2.3 Product benchmarking
  - 9.2.4 Strategic initiatives
- 9.3 Chemguard
  - 9.3.1 Company overview
  - 9.3.2 Product benchmarking
- 9.4 SafeQuip (Pty) Ltd.
  - 9.4.1 Company overview
  - 9.4.2 Product benchmarking
- 9.5 Linde AG
  - 9.5.1 Company overview
  - 9.5.2 Financial performance
  - 9.5.3 Product benchmarking
  - 9.5.4 Strategic initiatives
- 9.6 Air Products and Chemicals, Inc.
  - 9.6.1 Company overview
  - 9.6.2 Financial performance
  - 9.6.3 Product benchmarking
  - 9.6.4 Strategic initiatives
- 9.7 Praxair, Inc.
  - 9.7.1 Company overview
  - 9.7.2 Financial performance
  - 9.7.3 Product benchmarking
  - 9.7.4 Strategic initiatives
- 9.8 Foamtech Antifire Company
  - 9.8.1 Company overview
  - 9.8.2 Product benchmarking
- 9.9 Orchidee Europe BVBA
  - 9.9.1 Company overview
  - 9.9.2 Product benchmarking
- 9.10 Columbus Chemical Industries, Inc.
  - 9.10.1 Company overview
  - 9.10.2 Product benchmarking



## List Of Tables

### LIST OF TABLES

TABLE 1 Global dry chemicals market estimates and forecast, 2014 - 2025 (Kilotons)  
(USD Million)

TABLE 2 Global dry chemicals market estimates and forecast, by region 2014 - 2025  
(Kilotons)

TABLE 3 Global dry chemicals market estimates and forecast, by region 2014 - 2025  
(USD Million)

TABLE 4 Global wet chemicals market estimates and forecast, 2014 - 2025 (Kilotons)  
(USD Million)

TABLE 5 Global wet chemicals market estimates and forecast, by region 2014 - 2025  
(Kilotons)

TABLE 6 Global wet chemicals market estimates and forecast, by region 2014 - 2025  
(USD Million)

TABLE 7 Global dry powder market estimates and forecast, 2014 - 2025 (Kilotons)  
(USD Million)

TABLE 8 Global dry powder market estimates and forecast, by region 2014 - 2025  
(Kilotons)

TABLE 9 Global dry powder market estimates and forecast, by region 2014 - 2025  
(USD Million)

TABLE 10 Global foam-based market estimates and forecast, 2014 - 2025 (Kilotons)  
(USD Million)

TABLE 11 Global foam-based market estimates and forecast, by region 2014 - 2025  
(Kilotons)

TABLE 12 Global foam-based market estimates and forecast, by region 2014 - 2025  
(USD Million)

TABLE 13 Global monoammonium phosphate market estimates and forecast, 2014 -  
2025 (Kilotons) (USD Million)

TABLE 14 Global monoammonium phosphate market estimates and forecast, by region  
2014 - 2025 (Kilotons)

TABLE 15 Global monoammonium phosphate market estimates and forecast, by region  
2014 - 2025 (USD Million)

TABLE 16 Global halon market estimates and forecast, 2014 - 2025 (Kilotons) (USD  
Million)

TABLE 17 Global halon market estimates and forecast, by region 2014 - 2025 (Kilotons)

TABLE 18 Global halon market estimates and forecast, by region 2014 - 2025 (USD  
Million)

TABLE 19 Global carbon dioxide market estimates and forecast, 2014 - 2025 (Kilotons)  
(USD Million)

TABLE 20 Global carbon dioxide market estimates and forecast, by region 2014 - 2025  
(Kilotons)

TABLE 21 Global carbon dioxide market estimates and forecast, by region 2014 - 2025  
(USD Million)

TABLE 22 Global potassium bicarbonate market estimates and forecast, 2014 - 2025  
(Kilotons) (USD Million)

TABLE 23 Global potassium bicarbonate market estimates and forecast, by region 2014  
- 2025 (Kilotons)

TABLE 24 Global potassium bicarbonate market estimates and forecast, by region 2014  
- 2025 (USD Million)

TABLE 25 Global potassium citrate market estimates and forecast, 2014 - 2025  
(Kilotons) (USD Million)

TABLE 26 Global potassium citrate market estimates and forecast, by region 2014 -  
2025 (Kilotons)

TABLE 27 Global potassium citrate market estimates and forecast, by region 2014 -  
2025 (USD Million)

TABLE 28 Global sodium chloride market estimates and forecast, 2014 - 2025  
(Kilotons) (USD Million)

TABLE 29 Global sodium chloride market estimates and forecast, by region 2014 - 2025  
(Kilotons)

TABLE 30 Global sodium chloride market estimates and forecast, by region 2014 - 2025  
(USD Million)

TABLE 31 Global others market estimates and forecast, 2014 - 2025 (Kilotons) (USD  
Million)

TABLE 32 Global others market estimates and forecast, by region 2014 - 2025  
(Kilotons)

TABLE 33 Global others market estimates and forecast, by region 2014 - 2025 (USD  
Million)

TABLE 34 Global portable fire extinguishers market estimates and forecast, 2014 -  
2025 (Kilotons) (USD Million)

TABLE 35 Global portable fire extinguishers market estimates and forecast, by region  
2014 - 2025 (Kilotons)

TABLE 36 Global portable fire extinguishers market estimates and forecast, by region  
2014 - 2025 (USD Million)

TABLE 37 Global automatic sprinkler systems market estimates and forecast, 2014 -  
2025 (Kilotons) (USD Million)

TABLE 38 Global automatic sprinkler systems market estimates and forecast, by region

2014 - 2025 (Kilotons)

TABLE 39 Global automatic sprinkler systems market estimates and forecast, by region  
2014 - 2025 (USD Million)

TABLE 40 Global fire retardant bulkhead market estimates and forecast, 2014 - 2025  
(Kilotons) (USD Million)

TABLE 41 Global fire retardant bulkhead market estimates and forecast, by region 2014  
- 2025 (Kilotons)

TABLE 42 Global fire retardant bulkhead market estimates and forecast, by region 2014  
- 2025 (USD Million)

TABLE 43 Global fire dampers market estimates and forecast, 2014 - 2025 (Kilotons)  
(USD Million)

TABLE 44 Global fire dampers market estimates and forecast, by region 2014 - 2025  
(Kilotons)

TABLE 45 Global fire dampers market estimates and forecast, by region 2014 - 2025  
(USD Million)

TABLE 46 Global others market estimates and forecast, 2014 - 2025 (Kilotons) (USD  
Million)

TABLE 47 Global others market estimates and forecast, by region 2014 - 2025  
(Kilotons)

TABLE 48 Global others market estimates and forecast, by region 2014 - 2025 (USD  
Million)

TABLE 49 Global fire fighting chemicals market estimates and forecast, by region, 2014  
- 2025 (Kilotons)

TABLE 50 Global fire fighting chemicals market estimates and forecast, by region, 2014  
- 2025 (USD Million)

TABLE 51 North America fire fighting chemicals market estimate and forecast, 2014 -  
2025 (Kilotons) (USD Million)

TABLE 52 North America fire fighting chemicals market estimate and forecast, by type  
2014 - 2025 (Kilotons)

TABLE 53 North America fire fighting chemicals market estimate and forecast, by type  
2014 - 2025 (USD Million)

TABLE 54 North America fire fighting chemicals market estimate and forecast, by  
chemicals 2014 - 2025 (Kilotons)

TABLE 55 North America fire fighting chemicals market estimate and forecast, by  
chemicals 2014 - 2025 (USD Million)

TABLE 56 North America fire fighting chemicals market estimate and forecast, by  
application 2014 - 2025 (Kilotons)

TABLE 57 North America fire fighting chemicals market estimate and forecast, by  
application 2014 - 2025 (USD Million)

TABLE 58 U.S. fire fighting chemicals market estimate and forecast, 2014 - 2025  
(Kilotons) (USD Million)

TABLE 59 U.S. fire fighting chemicals market estimate and forecast, by type 2014 -  
2025 (Kilotons)

TABLE 60 U.S. fire fighting chemicals market estimate and forecast, by type 2014 -  
2025 (USD Million)

TABLE 61 U.S. fire fighting chemicals market estimate and forecast, by chemicals 2014  
- 2025 (Kilotons)

TABLE 62 U.S. fire fighting chemicals market estimate and forecast, by chemicals 2014  
- 2025 (USD Million)

TABLE 63 U.S. fire fighting chemicals market estimate and forecast, by application  
2014 - 2025 (Kilotons)

TABLE 64 U.S. fire fighting chemicals market estimate and forecast, by application  
2014 - 2025 (USD Million)

TABLE 65 Canada fire fighting chemicals market estimate and forecast, 2014 - 2025  
(Kilotons) (USD Million)

TABLE 66 Canada fire fighting chemicals market estimate and forecast, by type 2014 -  
2025 (Kilotons)

TABLE 67 Canada fire fighting chemicals market estimate and forecast, by type 2014 -  
2025 (USD Million)

TABLE 68 Canada fire fighting chemicals market estimate and forecast, by chemicals  
2014 - 2025 (Kilotons)

TABLE 69 Canada fire fighting chemicals market estimate and forecast, by chemicals  
2014 - 2025 (USD Million)

TABLE 70 Canada fire fighting chemicals market estimate and forecast, by application  
2014 - 2025 (Kilotons)

TABLE 71 Canada fire fighting chemicals market estimate and forecast, by application  
2014 - 2025 (USD Million)

TABLE 72 Mexico fire fighting chemicals market estimate and forecast, 2014 - 2025  
(Kilotons) (USD Million)

TABLE 73 Mexico fire fighting chemicals market estimate and forecast, by type 2014 -  
2025 (Kilotons)

TABLE 74 Mexico fire fighting chemicals market estimate and forecast, by type 2014 -  
2025 (USD Million)

TABLE 75 Mexico fire fighting chemicals market estimate and forecast, by chemicals  
2014 - 2025 (Kilotons)

TABLE 76 Mexico fire fighting chemicals market estimate and forecast, by chemicals  
2014 - 2025 (USD Million)

TABLE 77 Mexico fire fighting chemicals market estimate and forecast, by application



2014 - 2025 (Kilotons)

TABLE 78 Mexico fire fighting chemicals market estimate and forecast, by application  
2014 - 2025 (USD Million)

TABLE 79 Europe fire fighting chemicals market estimate and forecast, 2014 - 2025  
(Kilotons) (USD Million)

TABLE 80 Europe fire fighting chemicals market estimate and forecast, by type 2014 -  
2025 (Kilotons)

TABLE 81 Europe fire fighting chemicals market estimate and forecast, by type 2014 -  
2025 (USD Million)

TABLE 82 Europe fire fighting chemicals market estimate and forecast, by chemicals  
2014 - 2025 (Kilotons)

TABLE 83 Europe fire fighting chemicals market estimate and forecast, by chemicals  
2014 - 2025 (USD Million)

TABLE 84 Europe fire fighting chemicals market estimate and forecast, by application  
2014 - 2025 (Kilotons)

TABLE 85 Europe fire fighting chemicals market estimate and forecast, by application  
2014 - 2025 (USD Million)

TABLE 86 UK fire fighting chemicals market estimate and forecast, 2014 - 2025  
(Kilotons) (USD Million)

TABLE 87 UK fire fighting chemicals market estimate and forecast, by type 2014 - 2025  
(Kilotons)

TABLE 88 UK fire fighting chemicals market estimate and forecast, by type 2014 - 2025  
(USD Million)

TABLE 89 UK fire fighting chemicals market estimate and forecast, by chemicals 2014 -  
2025 (Kilotons)

TABLE 90 UK fire fighting chemicals market estimate and forecast, by chemicals 2014 -  
2025 (USD Million)

TABLE 91 UK fire fighting chemicals market estimate and forecast, by application 2014  
- 2025 (Kilotons)

TABLE 92 UK fire fighting chemicals market estimate and forecast, by application 2014  
- 2025 (USD Million)

TABLE 93 Russia fire fighting chemicals market estimate and forecast, 2014 - 2025  
(Kilotons) (USD Million)

TABLE 94 Russia fire fighting chemicals market estimate and forecast, by type 2014 -  
2025 (Kilotons)

TABLE 95 Russia fire fighting chemicals market estimate and forecast, by type 2014 -  
2025 (USD Million)

TABLE 96 Russia fire fighting chemicals market estimate and forecast, by chemicals  
2014 - 2025 (Kilotons)

TABLE 97 Russia fire fighting chemicals market estimate and forecast, by chemicals  
2014 - 2025 (USD Million)

TABLE 98 Russia fire fighting chemicals market estimate and forecast, by application  
2014 - 2025 (Kilotons)

TABLE 99 Russia fire fighting chemicals market estimate and forecast, by application  
2014 - 2025 (USD Million)

TABLE 100 Germany fire fighting chemicals market estimate and forecast, 2014 - 2025  
(Kilotons) (USD Million)

TABLE 101 Germany fire fighting chemicals market estimate and forecast, by type 2014  
- 2025 (Kilotons)

TABLE 102 Germany fire fighting chemicals market estimate and forecast, by type 2014  
- 2025 (USD Million)

TABLE 103 Germany fire fighting chemicals market estimate and forecast, by chemicals  
2014 - 2025 (Kilotons)

TABLE 104 Germany fire fighting chemicals market estimate and forecast, by chemicals  
2014 - 2025 (USD Million)

TABLE 105 Germany fire fighting chemicals market estimate and forecast, by  
application 2014 - 2025 (Kilotons)

TABLE 106 Germany fire fighting chemicals market estimate and forecast, by  
application 2014 - 2025 (USD Million)

TABLE 107 France fire fighting chemicals market estimate and forecast, 2014 - 2025  
(Kilotons) (USD Million)

TABLE 108 France fire fighting chemicals market estimate and forecast, by type 2014 -  
2025 (Kilotons)

TABLE 109 France fire fighting chemicals market estimate and forecast, by type 2014 -  
2025 (USD Million)

TABLE 110 France fire fighting chemicals market estimate and forecast, by chemicals  
2014 - 2025 (Kilotons)

TABLE 111 France fire fighting chemicals market estimate and forecast, by chemicals  
2014 - 2025 (USD Million)

TABLE 112 France fire fighting chemicals market estimate and forecast, by application  
2014 - 2025 (Kilotons)

TABLE 113 France fire fighting chemicals market estimate and forecast, by application  
2014 - 2025 (USD Million)

TABLE 114 Asia Pacific fire fighting chemicals market estimate and forecast, 2014 -  
2025 (Kilotons) (USD Million)

TABLE 115 Asia Pacific fire fighting chemicals market estimate and forecast, by type  
2014 - 2025 (Kilotons)

TABLE 116 Asia Pacific fire fighting chemicals market estimate and forecast, by type

2014 - 2025 (USD Million)

TABLE 117 Asia Pacific fire fighting chemicals market estimate and forecast, by chemicals 2014 - 2025 (Kilotons)

TABLE 118 Asia Pacific fire fighting chemicals market estimate and forecast, by chemicals 2014 - 2025 (USD Million)

TABLE 119 Asia Pacific fire fighting chemicals market estimate and forecast, by application 2014 - 2025 (Kilotons)

TABLE 120 Asia Pacific fire fighting chemicals market estimate and forecast, by application 2014 - 2025 (USD Million)

TABLE 121 China fire fighting chemicals market estimate and forecast, 2014 - 2025 (Kilotons) (USD Million)

TABLE 122 China fire fighting chemicals market estimate and forecast, by type 2014 - 2025 (Kilotons)

TABLE 123 China fire fighting chemicals market estimate and forecast, by type 2014 - 2025 (USD Million)

TABLE 124 China fire fighting chemicals market estimate and forecast, by chemicals 2014 - 2025 (Kilotons)

TABLE 125 China fire fighting chemicals market estimate and forecast, by chemicals 2014 - 2025 (USD Million)

TABLE 126 China fire fighting chemicals market estimate and forecast, by application 2014 - 2025 (Kilotons)

TABLE 127 China fire fighting chemicals market estimate and forecast, by application 2014 - 2025 (USD Million)

TABLE 128 India fire fighting chemicals market estimate and forecast, 2014 - 2025 (Kilotons) (USD Million)

TABLE 129 India fire fighting chemicals market estimate and forecast, by type 2014 - 2025 (Kilotons)

TABLE 130 India fire fighting chemicals market estimate and forecast, by type 2014 - 2025 (USD Million)

TABLE 131 India fire fighting chemicals market estimate and forecast, by chemicals 2014 - 2025 (Kilotons)

TABLE 132 India fire fighting chemicals market estimate and forecast, by chemicals 2014 - 2025 (USD Million)

TABLE 133 India fire fighting chemicals market estimate and forecast, by application 2014 - 2025 (Kilotons)

TABLE 134 India fire fighting chemicals market estimate and forecast, by application 2014 - 2025 (USD Million)

TABLE 135 South Korea fire fighting chemicals market estimate and forecast, 2014 - 2025 (Kilotons) (USD Million)

TABLE 136 South Korea fire fighting chemicals market estimate and forecast, by type 2014 - 2025 (Kilotons)

TABLE 137 South Korea fire fighting chemicals market estimate and forecast, by type 2014 - 2025 (USD Million)

TABLE 138 South Korea fire fighting chemicals market estimate and forecast, by chemicals 2014 - 2025 (Kilotons)

TABLE 139 South Korea fire fighting chemicals market estimate and forecast, by chemicals 2014 - 2025 (USD Million)

TABLE 140 South Korea fire fighting chemicals market estimate and forecast, by application 2014 - 2025 (Kilotons)

TABLE 141 South Korea fire fighting chemicals market estimate and forecast, by application 2014 - 2025 (USD Million)

TABLE 142 CSA fire fighting chemicals market estimate and forecast, 2014 - 2025 (Kilotons) (USD Million)

TABLE 143 CSA fire fighting chemicals market estimate and forecast, by type 2014 - 2025 (Kilotons)

TABLE 144 CSA fire fighting chemicals market estimate and forecast, by type 2014 - 2025 (USD Million)

TABLE 145 CSA fire fighting chemicals market estimate and forecast, by chemicals 2014 - 2025 (Kilotons)

TABLE 146 CSA fire fighting chemicals market estimate and forecast, by chemicals 2014 - 2025 (USD Million)

TABLE 147 CSA fire fighting chemicals market estimate and forecast, by application 2014 - 2025 (Kilotons)

TABLE 148 CSA fire fighting chemicals market estimate and forecast, by application 2014 - 2025 (USD Million)

TABLE 149 Brazil fire fighting chemicals market estimate and forecast, 2014 - 2025 (Kilotons) (USD Million)

TABLE 150 Brazil fire fighting chemicals market estimate and forecast, by type 2014 - 2025 (Kilotons)

TABLE 151 Brazil fire fighting chemicals market estimate and forecast, by type 2014 - 2025 (USD Million)

TABLE 152 Brazil fire fighting chemicals market estimate and forecast, by chemicals 2014 - 2025 (Kilotons)

TABLE 153 Brazil fire fighting chemicals market estimate and forecast, by chemicals 2014 - 2025 (USD Million)

TABLE 154 Brazil fire fighting chemicals market estimate and forecast, by application 2014 - 2025 (Kilotons)

TABLE 155 Brazil fire fighting chemicals market estimate and forecast, by application

2014 - 2025 (USD Million)

TABLE 156 Argentina fire fighting chemicals market estimate and forecast, 2014 - 2025 (Kilotons) (USD Million)

TABLE 157 Argentina fire fighting chemicals market estimate and forecast, by type 2014 - 2025 (Kilotons)

TABLE 158 Argentina fire fighting chemicals market estimate and forecast, by type 2014 - 2025 (USD Million)

TABLE 159 Argentina fire fighting chemicals market estimate and forecast, by chemicals 2014 - 2025 (Kilotons)

TABLE 160 Argentina fire fighting chemicals market estimate and forecast, by chemicals 2014 - 2025 (USD Million)

TABLE 161 Argentina fire fighting chemicals market estimate and forecast, by application 2014 - 2025 (Kilotons)

TABLE 162 Argentina fire fighting chemicals market estimate and forecast, by application 2014 - 2025 (USD Million)

TABLE 163 MEA fire fighting chemicals market estimate and forecast, 2014 - 2025 (Kilotons) (USD Million)

TABLE 164 MEA fire fighting chemicals market estimate and forecast, by type 2014 - 2025 (Kilotons)

TABLE 165 MEA fire fighting chemicals market estimate and forecast, by type 2014 - 2025 (USD Million)

TABLE 166 MEA fire fighting chemicals market estimate and forecast, by chemicals 2014 - 2025 (Kilotons)

TABLE 167 MEA fire fighting chemicals market estimate and forecast, by chemicals 2014 - 2025 (USD Million)

TABLE 168 MEA fire fighting chemicals market estimate and forecast, by application 2014 - 2025 (Kilotons)

TABLE 169 MEA fire fighting chemicals market estimate and forecast, by application 2014 - 2025 (USD Million)

TABLE 170 Saudi Arabia fire fighting chemicals market estimate and forecast, 2014 - 2025 (Kilotons) (USD Million)

TABLE 171 Saudi Arabia fire fighting chemicals market estimate and forecast, by type 2014 - 2025 (Kilotons)

TABLE 172 Saudi Arabia fire fighting chemicals market estimate and forecast, by type 2014 - 2025 (USD Million)

TABLE 173 Saudi Arabia fire fighting chemicals market estimate and forecast, by chemicals 2014 - 2025 (Kilotons)

TABLE 174 Saudi Arabia fire fighting chemicals market estimate and forecast, by chemicals 2014 - 2025 (USD Million)

TABLE 175 Saudi Arabia fire fighting chemicals market estimate and forecast, by application 2014 - 2025 (Kilotons)

TABLE 176 Saudi Arabia fire fighting chemicals market estimate and forecast, by application 2014 - 2025 (USD Million)



## List Of Figures

### LIST OF FIGURES

- FIG. 1 Fire fighting chemicals market revenue share, 2016 (Volume)
- FIG. 2 Fire fighting chemicals market segmentation
- FIG. 3 Fire fighting chemicals market size, 2014 - 2025
- FIG. 4 Fire fighting chemicals value chain analysis
- FIG. 5 Fire fighting chemicals market dynamics
- FIG. 6 Wild fire occurrences in Australia (2005 - 2025)
- FIG. 7 Key opportunities - Prioritized
- FIG. 8 Fire fighting chemicals - Porter's analysis
- FIG. 9 Fire fighting chemicals PESTEL analysis
- FIG. 10 Fire fighting chemicals market share by type, 2016 & 2025 (Volume)
- FIG. 11 Fire fighting chemicals market share by chemicals, 2016 & 2025 (Volume)
- FIG. 12 Fire fighting chemicals market share by application, 2016 & 2025 (Volume)
- FIG. 13 Fire fighting chemicals market share by region, 2016 & 2025 (Volume)
- FIG. 14 Competitive environment of fire fighting chemicals market
- FIG. 15 Competitive strategy adopted by leading players

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