

# Mining Chemicals - A Global Market Overview

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## Abstracts

The processes involved in mining depend to a large extent on mining chemicals for improving productivity and efficiency. The global mining industry is confronting the challenge of low productivity as a consequence of depleting reserves of high quality ore grades, which has resulted in exploiting deposits that lie deeper in the earth's crust. This procedure is marked by complex extraction processes that necessitate using advanced mining chemicals for providing assistance in extracting and processing ores of low quality. The complexity in extracting ore deposits of lower grade has led to the generation of an increasing demand for high quality chemical solutions.

Mining commodity prices have been witnessing a downward spiral in recent times, with investment cutbacks and increasing cost of production further compounding the issue. Situations such as these demand increasing mining productivity using prudent means. The requirement for superior quality and technologically advanced mining chemicals is also being dictated by high energy costs expended in deeper mining and processing methods. Demand for specialized chemicals has been growing due to the criticality of improving metal recovery from mining operations.

Worldwide market for mining chemical types explored in this study includes Collectors, Flocculants, Flotation Chemicals/Frothers, Grinding Aids, Solvent Extractants and Others. The report also discusses the application areas of mining chemicals comprising Explosives & Drilling, Mineral Processing, Water & Wastewater Treatment and Other Applications. The global markets for the above mentioned chemicals types and application areas are analyzed in terms of USD. Global market for mining chemicals, estimated at US\$21.8 billion in 2015, forecast at US\$23.2 billion in 2016 and further expected to maintain a CAGR of 6.6% between 2014 and 2020 to reach a projected US\$30.1 billion by 2020.

The report reviews, analyses and projects the mining chemicals market for the period

2010-2020 globally and the regional markets including North America, Europe, Asia-Pacific, Latin America and Middle East & Africa. The regional markets further analyzed for 14 independent countries across North America – The United States, Canada and Mexico; Europe – Germany, Spain, Russia and Ukraine; Asia-Pacific – Australia, China and India; Latin America – Argentina, Brazil and Chile; and Middle East & Africa – South Africa.

This 500 page global market research report includes 292 charts (includes a data table and graphical representation for each chart), supported with meaningful and easy to understand graphical presentation, of market numbers. This report profiles 42 key global players and 58 major players across North America – 31; Europe – 11; Asia-Pacific – 7; Latin America – 1, and Middle East & Africa – 8. The research also provides the listing of the companies engaged in manufacturing and supply of Mining Chemicals. The global list of companies covers the address, contact numbers and the website addresses of 60 companies.

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- Ashland, Inc.
- Austin Powder Company
- Axis House
- BASF SE
- Beijing Hengju Chemical Group Corporation
- Celanese Corporation
- Chevron Phillips Chemical Company
- Clariant AG
- Coogee Chemicals Pty Ltd
- CP Kelco
- Cyanco Corporation
- Cytec Industries, Inc.
- The Dow Chemical Company
- Dupont (EI) De Nemours

Ekof Mining & Water Solution GmbH  
Exxon Mobil Corporation  
FMC Corporation  
General Electric Company  
Huntsman Corporation  
Kemira OYJ  
Mathiesen Corporation  
Maxam Australia Pty Ltd  
Minerals Technologies Inc.  
Nalco Holding Company  
Nasaco International LLC  
Orica Limited  
PQ Corporation  
Quaker Chemical Corporation  
Royal Dutch Shell Plc  
Sanyo Chemical Industries, Ltd.  
Sasol Limited  
SNF Floerger  
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Display of Cytec's AERO EZ 2100 Chemical Enhancer at the International Heavy Minerals Conference in Visakapatanam

Cytec's AERO 7260 HFP reagent for Copper/Molybdenum separation Showcased at Flotation 2013 in Cape Town

Clariant's New R&D Center Established in Brazil

Establishment of New Global Headquarters for Clariant Oil and Mining Services in The Woodlands

MineREADY Launched by Zinkan Enterprises

Inauguration of BASF's New Technical Service Laboratory for Mining Solutions in Pudong

Elemental Minerals' Sintoukola Potash Project in the RoC Received Mining License

Integration of BASF's Water, Oilfield and Mining Solutions Businesses into a Single Global Business Unit

Opening of BASF's New Technical Laboratory for Mining in Johannesburg Based at MINTEK

New Mining Wastewater Treatment Process Developed by CSIRO to Remove Contaminants

BASF to Broaden its Footprint in the Asia Pacific Region

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  - Arizona Chemical Company, LLC
  - ArrMaz Custom Chemicals, Inc.
  - ArrMaz Gulf Chemicals (Kingdom of Saudi Arabia)
  - Ashland, Inc.
  - Austin Powder Company
  - Celanese Corporation
  - Chevron Phillips Chemical Company
  - CP Kelco
  - Cyanco Corporation
  - Cytec Industries, Inc.
  - The Dow Chemical Company
  - Dupont (EI) De Nemours
  - Dyno Nobel, Inc.
  - Exxon Mobil Corporation
  - FMC Corporation

Cheminova A/S (DENMARK)  
General Electric Company  
GE Water & Process Technologies (United States)  
Huntsman Corporation  
Hychem, Inc.  
Minerals Technologies Inc.  
Nalco Holding Company  
PQ Corporation  
Quaker Chemical Corporation (United States)  
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  - Kemira OYJ (Finland)
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