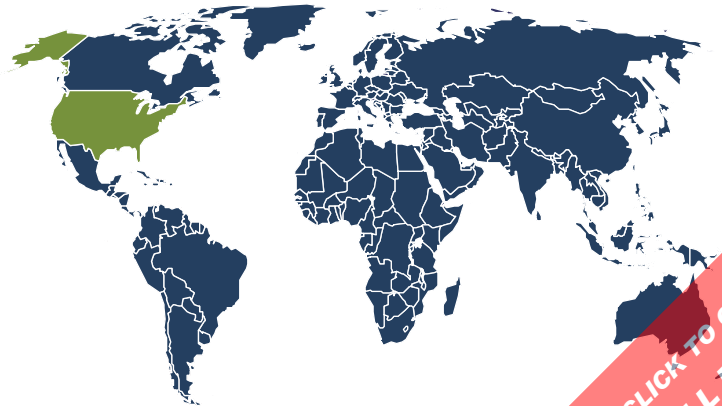




Freedonia Focus Reports
US Collection

Oilfield Chemicals: United States

November 2015



Highlights

Market Environment

Historical Trends | Key Economic Indicators | Environmental and Regulatory Factors
Technology

Segmentation and Forecasts

Formulated Oilfield Chemical Applications | Oilfield Chemical Material Types

Industry Structure

Industry Composition and Characteristics | Additional Companies Cited

Resources

www.freedoniafocus.com

CLICK TO ORDER
FULL REPORT
BROCHURE
CLICK TO ORDER
FULL REPORT

ABOUT THIS REPORT

Scope & Method

This report forecasts to 2019 US demand for formulated oilfield chemicals as well as oilfield chemical materials in US dollars. Total formulated oilfield chemical demand is segmented by application as follows:

- stimulation fluid additives
- drilling fluid additives
- production chemicals
- EOR products
- completion and workover fluid additives
- cement additives.

Total oilfield chemical material demand is segmented by type in terms of:

- specialty chemicals
- commodity chemicals
- polymers
- gases.

Oilfield chemical materials include chemicals used to manufacture formulated oilfield products as well as chemicals purchased and used directly. Excluded from the scope of this report are oilfield services. Demand figures in this report also include merchant market gases such as carbon dioxide (CO₂) and nitrogen (but not natural gas or other hydrocarbon gases) used in fracturing fluids and enhanced oil recovery (EOR) operations.

To illustrate historical trends, total formulated oilfield chemical demand is provided in an annual series from 2004 to 2014; the various segments are reported at five-year intervals for 2009 and 2014. Total oilfield chemical material demand is provided for 2004, 2009, and 2014.

This report quantifies trends in various measures of growth. Growth (or decline) expressed as an average annual growth rate (AAGR) is the least squares growth rate, which takes into account all available datapoints over a period. Growth calculated as a compound annual growth rate (CAGR) employs, by definition, only the first and last datapoints over a period. The CAGR is used to describe forecast growth, defined as the expected trend beginning in the base year and ending in the forecast year. Readers are encouraged to consider historical volatility when assessing particular annual values along the forecast trend, including in the forecast year.

Key macroeconomic indicators are also provided at five-year intervals with CAGRs for

the years corresponding to other reported figures. Other various topics, including profiles of pertinent leading suppliers, are covered in this report. A full outline of report items by page is available in the [Table of Contents](#).

Sources

Oilfield Chemicals: United States (FF35023) is based on [Oilfield Chemicals](#), a comprehensive industry study published by The Freedonia Group in November 2015. Reported findings represent the synthesis and analysis of data from various primary, secondary, macroeconomic, and demographic sources including:

- firms participating in the industry, and their suppliers and customers
- government/public agencies
- national, regional, and international non-governmental organizations
- trade associations and their publications
- the business and trade press
- indicator forecasts by The Freedonia Group
- the findings of other industry studies by The Freedonia Group.

Specific sources and additional resources are listed in the [Resources](#) section of this publication for reference and to facilitate further research.

Industry Codes

The topic of this report is related to the following industry codes:

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industry Codes	
213111	Drilling Oil and Gas Wells	1381	Drilling Oil and Gas Wells
213112	Support Activities for Oil and Gas Operations	1389	Oil and Gas Field Services, NEC
325188	All Other Basic Inorganic Chemical Mfg	2819	Industrial Inorganic Chemicals, NEC
325199	All Other Basic Organic Chemical Mfg	2869	Industrial Organic Chemicals, NEC

Copyright & Licensing

The full report is protected by copyright laws of the United States of America and international treaties. The entire contents of the publication are copyrighted by The Freedonia Group, Inc.

Table of Contents

Section	Page
About This Report	i
Highlights.....	1
Market Environment	2
Historical Trends	2
Chart 1 US Formulated Oilfield Chemical Demand Trends, 2004-2014 (US\$ mil)	3
Key Economic Indicators	4
Table 1 Key Indicators for US Oilfield Chemical Demand; 2009, 2014, 2019.....	4
Environmental & Regulatory Factors	5
Technology	7
Segmentation & Forecasts.....	8
Formulated Oilfield Chemical Applications	8
Chart 2 US Formulated Oilfield Chemical Demand by Application; 2009, 2014, 2019 (US\$ mil)	8
Stimulation Fluid Additives.	9
Drilling Fluid Additives.	9
Production Chemicals.....	10
EOR Products.....	12
Completion & Workover Fluid Additives.	13
Cement Additives.....	14
Chart 3 US Formulated Oilfield Chemical Demand by Application Share; 2009, 2014, 2019 (%) .	15
Oilfield Chemical Material Types	16
Chart 4 US Oilfield Chemical Material Demand by Type; 2009, 2014, 2019 (US\$ mil)	16
Specialty Chemicals.	16
Commodity Chemicals.....	18
Polymers.....	18
Gases.....	19
Chart 5 US Oilfield Chemical Material Demand by Type Share; 2009, 2014, 2019 (%)	20
Industry Structure.....	21
Industry Composition & Characteristics	21
Company Profile 1 Ecolab Inc	22
Company Profile 2 Baker Hughes Incorporated	23
Company Profile 3 Halliburton Company	24
Additional Companies Cited.....	25
Resources	26

To return here, click on any Freedonia logo or the Table of Contents link in report footers.
 PDF bookmarks are also available for navigation.

RESOURCES

The Freedonia Group, Inc

www.freedoniagroup.com

3352 *Oilfield Chemicals*, November 2015

[see study contents](#)

Related Industry Studies

3302 *Proppants in North America*, September 2015

[see study contents](#)

3303 *World Cement*, August 2015

[see study contents](#)

3286 *Drilling Products & Services*, June 2015

[see study contents](#)

3249 *World Oilfield Chemicals*, March 2015

[see study contents](#)

3247 *Surfactants*, January 2015

[see study contents](#)

3160 *Well Stimulation Materials*, June 2014

[see study contents](#)

3112 *Shale Gas & Tight Oil: Products & Services*, February 2014

[see study contents](#)

Related Focus Reports

Cement: United States

[see report contents](#)

Drilling Products & Services: United States

[see report contents](#)

Proppants: North America

[see report contents](#)

Shale Gas & Tight Oil: Products & Services: United States

[see report contents](#)

Well Stimulation Materials: United States

[see report contents](#)

Freedonia Custom Research, Inc

[see capabilities](#)

Trade Publications

Chemical & Engineering News

<http://cen.acs.org>

Hydrocarbon Processing

www.hydrocarbonprocessing.com

ICIS Chemical Business

www.icis.com

IHS Chemical Week

www.chemweek.com

Offshore

www.offshore-mag.com

Oil & Gas Journal

www.ogj.com

World Oil

www.worldoil.com

Agencies & Associations

American Petroleum Institute

www.api.org

Independent Petroleum Association of America

www.ipaa.org

National Petroleum Council

www.npc.org

Society of Petroleum Engineers

www.spe.org

United States Census Bureau

www.census.gov

United States Energy Information Administration

www.eia.gov

United States Environmental Protection Agency

www.epa.gov

United States International Trade Commission

www.usitc.gov

Environmental Impact. Please consider the environment before printing this report. Freedonia Focus Report collections feature environmentally friendly products distributed entirely via electronic channels.