

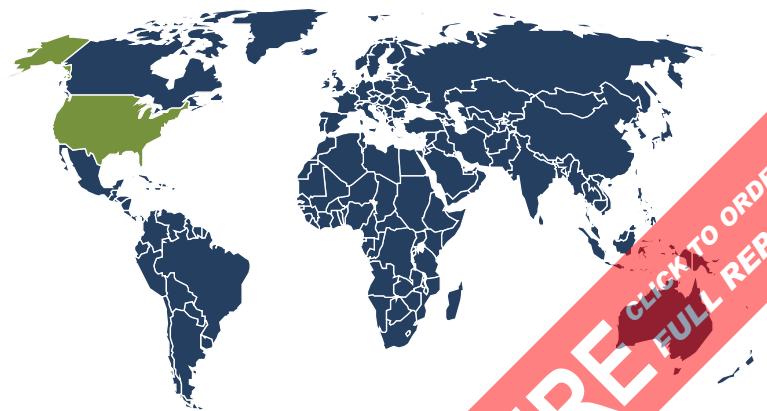


Freedonia Focus Reports  
US Collection

# Solvents:

## United States

July 2016



### Highlights

#### Market Environment

Historical Trends | Key Economic Indicators | Environmental and Regulatory Factors

#### Segmentation and Forecasts

Products | Markets

#### Industry Structure

Industry Composition and Characteristics | Companies Cited

#### Resources

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## ABOUT THIS REPORT

### Scope & Method

This report forecasts US solvent demand in pounds and US dollars at the manufacturers' level to 2020. Total demand in pounds and dollars is segmented by product in terms of:

- alcohols
- hydrocarbons
- glycols
- ketones
- esters
- other products such as halogenated solvents, soy oil, and terpenes.

For the purposes of this report, “conventional solvents” are products that have been manufactured from non-renewable sources (eg, hydrocarbons and chlorinated); “green solvents” are products that can be obtained from renewable bio-based sources (eg, some alcohols and glycols, soy oil and derivatives, and terpenes). Antifreeze, or engine coolant, is excluded from the scope of this report.

Total demand in pounds is also segmented by market as follows:

- paints and coatings
- printing inks
- cleaning products
- oil and gas
- other markets such as cosmetics and toiletries, adhesives and sealants, and construction.

To illustrate historical trends, total demand in pounds is provided in an annual series from 2005 to 2015; total demand in dollars and the various segments are reported at five-year intervals for 2010 and 2015.

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

*Solvents: United States* (FF35028) is based on [Solvents](#), a comprehensive industry study published by The Freedonia Group in July 2016. 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	
324110	Petroleum Refineries	2865	Cyclic Organic Crudes and Intermediates, and Organic Dyes and Pigments
325110	Petrochemical Manufacturing	2869	Industrial Organic Chemicals, NEC
325199	All Other Basic Organic Chemical Manufacturing	2911	Petroleum Refining

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## RESOURCES

### The Freedonia Group

[www.freedoniagroup.com](http://www.freedoniagroup.com)

3429 <i>Solvents</i> , July 2016	<a href="#">see study contents</a>
Related Industry Studies	
3424 <i>Industrial &amp; Institutional (I&amp;I) Cleaning Chemicals</i> , June 2016	<a href="#">see study contents</a>
3418 <i>World Paint &amp; Coatings</i> , June 2016	<a href="#">see study contents</a>
3377 <i>World Adhesives &amp; Sealants</i> , January 2016	<a href="#">see study contents</a>
3352 <i>Oilfield Chemicals</i> , November 2015	<a href="#">see study contents</a>
3351 <i>World Asphalt (Bitumen)</i> , November 2015	<a href="#">see study contents</a>
3330 <i>Amines</i> , October 2015	<a href="#">see study contents</a>
Related Focus Reports	
<i>Asphalt: United States</i>	<a href="#">see report contents</a>
<i>Construction: United States</i>	<a href="#">see report contents</a>
<i>Construction Chemicals: United States</i>	<a href="#">see report contents</a>
<i>Industrial Coatings: United States</i>	<a href="#">see report contents</a>
<i>Solvent-Based Adhesives &amp; Sealants: United States</i>	<a href="#">see report contents</a>
<i>World Paint &amp; Coatings</i>	<a href="#">see report contents</a>
Freedonia Custom Research	<a href="#">see capabilities</a>

### Trade Publications

<i>Chemical &amp; Engineering News</i>	<a href="http://cen.acs.org">http://cen.acs.org</a>
<i>Chemistry &amp; Industry</i>	<a href="http://www.soci.org/Chemistry-and-Industry">www.soci.org/Chemistry-and-Industry</a>
<i>ICIS Chemical Business</i>	<a href="http://www.icis.com">www.icis.com</a>
<i>IHS Chemical Week</i>	<a href="http://www.chemweek.com">www.chemweek.com</a>
<i>Paint &amp; Coatings Industry</i>	<a href="http://www.pcimag.com">www.pcimag.com</a>

### Agencies & Associations

American Chemical Society	<a href="http://www.acs.org">www.acs.org</a>
American Chemistry Council	<a href="http://www.americanchemistry.com">www.americanchemistry.com</a>
Federal Aviation Administration	<a href="http://www.faa.gov">www.faa.gov</a>
Occupational Safety & Health Administration	<a href="http://www.osha.gov">www.osha.gov</a>
Society of Chemical Industry	<a href="http://www.soci.org">www.soci.org</a>
United States Census Bureau	<a href="http://www.census.gov">www.census.gov</a>
United States Department of Transportation	<a href="http://www.transportation.gov">www.transportation.gov</a>
United States Environmental Protection Agency	<a href="http://www.epa.gov">www.epa.gov</a>
United States Food and Drug Administration	<a href="http://www.fda.gov">www.fda.gov</a>
United States International Trade Commission	<a href="http://www.usitc.gov">www.usitc.gov</a>

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