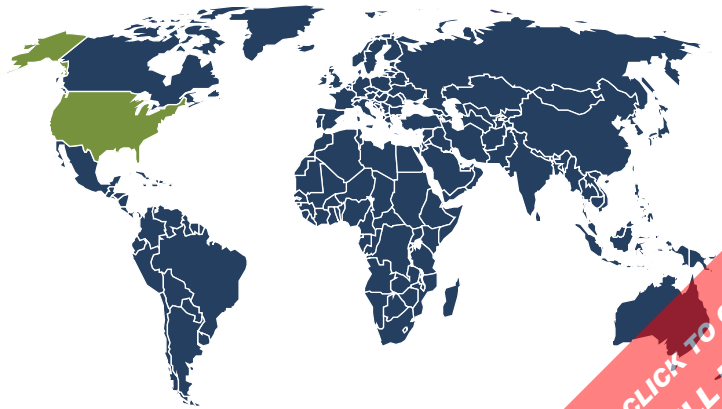




Freedonia Focus Reports  
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# Amines: United States

November 2016



## Highlights

### Market Environment

Historical Trends | Key Economic Indicators | Environmental and Regulatory Factors  
NAFTA Overview

### Segmentation and Forecasts

Products | Markets | Production

### Industry Structure

Industry Composition and Characteristics | Companies Cited

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## ABOUT THIS REPORT

### Scope & Method

This report forecasts US amines demand and production in metric tons to 2020. Total demand is segmented by product in terms of:

- ethanolamines
- alkylamines
- fatty amines
- specialty amines
- ethyleneamines.

For the purposes of this report, aromatic amines, aniline, and other nitrogen compounds not listed among the products specified above are excluded. Also excluded are certain high-volume, captively consumed amines, specifically hexamethylenediamine used for captive nylon production and dimethylamine produced for captive dimethylformamide production. In order to avoid double counting, amine demand figures presented in this report do not include amines used as intermediates in the production of other amines.

Total demand is also segmented by market as follows:

- pesticides
- cleaning products
- personal care products
- rubber
- other markets such as water treatment chemicals, lubricants, and plastics.

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

*Amines: United States* (FF35060) is based on [Global Amines Market](#), a comprehensive industry study published by The Freedonia Group in November 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	
325199	All Other Basic Organic Chemical Mfg	2841	Soap and Other Detergents, Except Specialty Cleaners
325320	Pesticide and Other Agricultural Chemical Mfg	2842	Specialty Cleaning, Polishing, and Sanitation Preparations
325611	Soap and Other Detergent Mfg	2844	Perfumes, Cosmetics, and Other Toilet Preparations
325612	Polish and Other Sanitation Good Mfg	2869	Industrial Organic Chemicals, NEC
325620	Toilet Preparation Mfg	2879	Pesticides and Agricultural Chemicals, NEC

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## RESOURCES

### The Freedonia Group

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

<i>3475 Global Amines Market</i> , November 2016	<a href="#">see study contents</a>
Related Industry Studies	
<i>3448 Specialty Surfactants</i> , August 2016	<a href="#">see study contents</a>
<i>3434 World Rubber Processing Chemicals</i> , July 2016	<a href="#">see study contents</a>
<i>3381 World Rubber</i> , February 2016	<a href="#">see study contents</a>
<i>3358 World Cement &amp; Concrete Additives</i> , January 2016	<a href="#">see study contents</a>
<i>3364 World Lubricants</i> , December 2015	<a href="#">see study contents</a>
<i>3352 Oilfield Chemicals</i> , November 2015	<a href="#">see study contents</a>
<i>3330 Amines</i> , October 2015	<a href="#">see study contents</a>
Related Focus Reports	
<i>Home &amp; Garden Pesticides: United States</i>	<a href="#">see report contents</a>
<i>Lubricants: United States</i>	<a href="#">see report contents</a>
<i>Specialty Surfactants: United States</i>	<a href="#">see report contents</a>
<i>World Amines</i>	<a href="#">see report contents</a>
<i>World Industrial &amp; Institutional Cleaning Chemicals</i>	<a href="#">see report contents</a>
<i>World Lubricants</i>	<a href="#">see report contents</a>
Freedonia Custom Research	<a href="#">see capabilities</a>

### Trade Publications

<i>AgriBusiness Global</i>	<a href="http://www.agribusinessglobal.com">www.agribusinessglobal.com</a>
<i>Chemical &amp; Engineering News</i>	<a href="http://cen.acs.org">http://cen.acs.org</a>
<i>CropLife</i>	<a href="http://www.croplife.com">www.croplife.com</a>
<i>Happi</i>	<a href="http://www.happi.com">www.happi.com</a>
<i>Hydrocarbon Processing</i>	<a href="http://www.hydrocarbonprocessing.com">www.hydrocarbonprocessing.com</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>Rubber &amp; Plastics News</i>	<a href="http://www.rubbernews.com">www.rubbernews.com</a>
<i>RubberWorld</i>	<a href="http://www.rubberworld.com">www.rubberworld.com</a>

### Agencies & Associations

American Chemical Society	<a href="http://www.acs.org">www.acs.org</a>
ISSA	<a href="http://www.issa.com">www.issa.com</a>
Society of Chemical Industry	<a href="http://www.soci.org">www.soci.org</a>
Society of Cosmetic Chemists	<a href="http://www.scconline.org">www.scconline.org</a>
United States Census Bureau	<a href="http://www.census.gov">www.census.gov</a>
United States International Trade Commission	<a href="http://www.usitc.gov">www.usitc.gov</a>

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