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World Collection

# World Amines

November 2016



## Highlights

World Overview and Forecasts  
Demand by Product | Demand by Market

Regional Segmentation and Forecasts  
Regional Production Overview | Regional Demand Overview | North America  
Western Europe | Asia/Pacific | Other Regions

Industry Structure  
Industry Composition and Characteristics | Companies Cited

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## ABOUT THIS REPORT

### Scope & Method

This report forecasts total world demand in 2020 for amines by product, market, and major world region in metric tons. Product segments include:

- 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 do not include amines used as intermediates in the production of other amines.

Reported markets encompass:

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

Major world regions include North America, Western Europe, Asia/Pacific, and all other regions. Demand by product and market segment is also forecast for each major world region.

To illustrate historical trends world, product, market, and regional demand (including product and market segments) are provided for 2010 and 2015. Finally, world production is segmented by major world region and provided for 2010, 2015, and 2020.

This report quantifies trends in terms of compound annual growth rates (CAGRs), which, by definition, employ in their calculation only the first and last datapoints over a period. The CAGR is used to describe forecast growth, defined as the trend beginning in the base year and ending in the forecast year. Forecasts are developed via the identification and analysis of pertinent statistical relationships and other historical trends and events, as well as their expected impact over the forecast period. Readers are encouraged to consider historical volatility when assessing particular annual values

along the forecast trend, including in the forecast year.

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

*World Amines* (FW35060) is based on [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

<i>3475 Global Amines Market, 3<sup>rd</sup> Edition</i> , November 2016	<a href="http://www.freedoniagroup.com">www.freedoniagroup.com</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>
Related Focus Reports	
<i>Amines: United States</i>	<a href="#">see report contents</a>
<i>Home &amp; Garden Pesticides: United States</i>	<a href="#">see report contents</a>
<i>Specialty Surfactants: United States</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> (USA)	<a href="http://www.agribusinessglobal.com">www.agribusinessglobal.com</a>
<i>Chemical &amp; Engineering News</i> (USA)	<a href="http://cen.acs.org">http://cen.acs.org</a>
<i>CropLife</i> (USA)	<a href="http://www.croplife.com">www.croplife.com</a>
<i>Global Water Intelligence</i> (UK)	<a href="http://www.globalwaterintel.com">www.globalwaterintel.com</a>
<i>Happi</i> (USA)	<a href="http://www.happi.com">www.happi.com</a>
<i>Hydrocarbon Processing</i> (USA)	<a href="http://www.hydrocarbonprocessing.com">www.hydrocarbonprocessing.com</a>
<i>ICIS Chemical Business</i> (UK)	<a href="http://www.icis.com">www.icis.com</a>
<i>IHS Chemical Week</i> (USA)	<a href="http://www.chemweek.com">www.chemweek.com</a>
<i>Rubber &amp; Plastics News</i> (USA)	<a href="http://www.rubbernews.com">www.rubbernews.com</a>
<i>Rubber World</i> (USA)	<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>
European Crop Protection Association	<a href="http://www.ecpa.eu">www.ecpa.eu</a>
Eurostat	<a href="http://ec.europa.eu/eurostat">http://ec.europa.eu/eurostat</a>
ISSA – The Worldwide Cleaning Industry Association	<a href="http://www.issa.com">www.issa.com</a>
SAE International	<a href="http://www.sae.org">www.sae.org</a>
Society of Chemical Industry	<a href="http://www.soci.org">www.soci.org</a>
Society of Cosmetic Chemists	<a href="http://www.sconline.org">www.sconline.org</a>
World Bank	<a href="http://www.worldbank.org">www.worldbank.org</a>

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