



Market Analytics: Ethanolamines - 2023

Market Analytics: Ethanolamines - 2023 is one in a series of reports published as part of NexantECA's Markets & Profitability program.

Market Analytics: Ethanolamines - 2023 report provides an in-depth analysis of the following products :

- Ethanolamines

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Along with the written report, NexantECA's Online Database includes supply, demand and trade analysis for 40 countries and global capacity listings updated on a monthly basis.

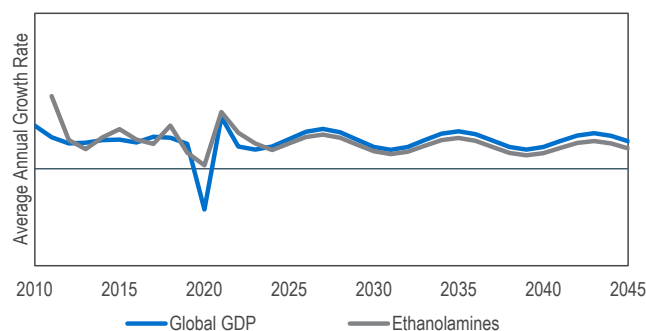
Report Abstract:

Ethanolamines have wide variety of uses in their pure form and in the production of derivatives.

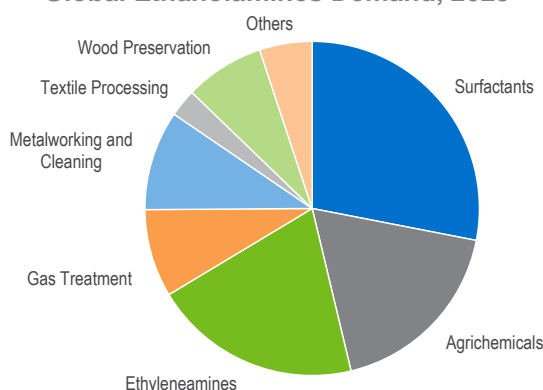
The most commonly used derivatives are cocamide MEA and DEA, which are produced by reacting pure ethanolamines with coconut oil. These surfactants form the basic foaming agent in many body shampoo and body wash products. Demand growth into surfactants is driven by consumer spending and therefore impacted by inflation.

In the agrochemical sector ethanolamines are used to produce both herbicide and pesticide active ingredients (DEA is used to produce the broad-spectrum herbicide glyphosate) and non active components for formulation, such as emulsifiers. Agriculture and food security are of overriding importance in many developing countries, and the prospect of disadvantaging farmers against other regions which are allowed to use glyphosate acts as a powerful deterrent to legislation controlling its use.

Global Ethanolamines Consumption Growth
million tons



Global Ethanolamines Demand, 2023



Ethanolamines are compounds with both amine and alcohol functionality on ethyl carbon backbones, produced from the application of liquid phase ammonia to ethylene oxide. The reaction can be controlled to produce a combination of three commercially significant products, commonly known as monoethanolamine (MEA), diethanolamine (DEA) and triethanolamine (TEA).

Their broad range of functionality has created a geographically broad market which involves a wide range of consumer groups ranging from FMCG producers in the personal care sector to oil refineries and gas producers, various fine chemical producers, textile and lumber mills and metal working shops.

Ethanolamines in their pure form are viscous liquids with relatively high melting points (MEA: 10.3°C, DEA: 28°C, TEA: 21.6°C). Most volume is shipped in iso-tanks, tank trucks and railcars, all of which will require heating coils. Some smaller volume business is in aqueous solutions, which have lower freezing points and are generally easier to handle.

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Chapter 5 is segmented by key regions:

- North America
- South America
- Western Europe
- Central Europe
- Eastern Europe
- Middle East
- Africa
- Asia Pacific

Each region/country is further segmented by:

- **Consumption:** Assesses historic and forecast consumption; forecasts are based on projections of end use and economic activity.
- **Supply:** Includes a list of all producers, their production capacity, location, etc., and discussion of the status of new projects.
- **Supply, Demand and Trade:** Provides historical analysis and forecasts to 2045 of consumption, production, imports/exports, inventory build-up/decline, capacity and capacity utilization.

This analysis will identify the issues shaping the industry, as well as provide an independent appraisal of the market.

For related analysis, please refer to:

[Market Analytics: Polyester & Intermediates Quarterly Business Analysis](#)

Subscription Details:

Subscription to **Market Analytics: Ethanolamines - 2023** includes:

- 12 month access via the NexantECA website, to:
 - Unlimited downloads of PDF reports
 - Downloadable data in Excel from the Online Database
- Webinar
- Consultation time with the project team

Customized subscriptions are also available.

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The **Markets and Profitability** program comprises of the well-known Petroleum and Petrochemical Economics (PPE), PolyOlefins Planning Service (POPS), Strategic Business Analysis (SBA) and World Gas Analytics (WGAS).

Markets and Profitability tracks over 60 feedstocks, petrochemicals, polymers, chemical intermediates and fertilizers on an ongoing basis and provides regularly updated reports covering all commercial aspects of these global industries. The accompanying database, provides global analysis and forecasts in two major inter-related areas: **Markets and Profitability**.

NexantECA serves its clients from over 10 offices located throughout the Americas, Europe, the Middle East, Africa and Asia.

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