

## **North America Detergent Grade Enzymes Market Report and Forecast 2024-2032**

Market Report | 2024-02-06 | 193 pages | EMR Inc.

### **AVAILABLE LICENSES:**

- Single User License \$2999.00
- Five User License \$3999.00
- Corporate License \$4999.00

### **Report description:**

North America Detergent Grade Enzymes Market Report and Forecast 2024-2032

Market Outlook

According to the report by Expert Market Research (EMR), the North America detergent grade enzymes market is projected to grow at a CAGR of 4.3% between 2024 and 2032. Aided by the escalating demand for eco-friendly and efficient cleaning solutions, the market is expected to grow significantly by 2032.

Enzymes are biological catalysts that play a pivotal role in enhancing the cleaning efficacy of detergents. These detergent grade enzymes, predominantly comprising proteases, amylases, lipases, and cellulases, are integral in breaking down various stains and soil components on fabrics. Their unique capability to operate effectively at lower temperatures and pH levels makes them increasingly favoured in the detergent industry.

The surge in demand for detergent grade enzymes in North America is primarily driven by the escalating consumer preference for environmentally sustainable and skin-friendly laundry solutions. With the burgeoning awareness about the environmental impact of chemical-based detergents, consumers are increasingly gravitating towards enzyme-based detergents that offer a potent cleaning action while being biodegradable.

According to the North America detergent grade enzymes market analysis, the burgeoning textile and apparel industry in the region, characterised by frequent laundering needs, further bolsters the demand for efficient cleaning agents like detergent grade enzymes. These enzymes are instrumental in ensuring the longevity and maintenance of fabric quality, thereby finding substantial applications in both household and industrial laundry sectors.

The advancements in biotechnology have significantly contributed to the development of more robust and diverse detergent grade enzymes. Modern genetic engineering techniques have enabled the enhancement of enzyme stability, temperature tolerance, and substrate specificity, thereby expanding their application scope in the detergent industry.

The North America detergent grade enzymes market outlook is also influenced by the region's regulatory landscape, which increasingly emphasises sustainable and green practices. The stringent environmental regulations and the push for eco-friendly manufacturing processes have steered detergent manufacturers towards incorporating biodegradable enzymes as key ingredients.

Moreover, the rising trend of concentrated liquid detergents, which require lesser packaging and are more efficient in stain

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

removal, has further augmented the use of detergent grade enzymes. These concentrated formulations demand high-performance ingredients, where enzymes play a crucial role, thereby driving their North America detergent grade enzymes market growth.

#### Market Segmentation

The market can be divided based on type and country.

#### Market Breakup by Type

- Protease
- Amylase
- Lipase
- Cellulase

#### Market Breakup by Country

- United States of America
- Canada

#### Competitive Landscape

The EMR report looks into the market shares, plant turnarounds, capacities, investments, and mergers and acquisitions, among other major developments, of the leading companies operating in the North America detergent grade enzymes market. Some of the major players explored in the report by Expert Market Research are as follows:

- Novozymes North America, Inc
- BASF Enzymes LLC
- DuPont Co. (Genencer)
- DSM Nutritional Products, LLC
- Amano Enzymes Corporation
- Advanced Enzymes USA
- American Laboratories, Inc.
- Others

#### About Us

Acquire unparalleled access to critical industry insights with our comprehensive market research reports, meticulously prepared by a team of seasoned experts. These reports are designed to equip decision-makers with an in-depth understanding of prevailing market trends, competitive landscapes, and growth opportunities.

Our high-quality, data-driven analysis provides the essential framework for organisations seeking to make informed and strategic decisions in an increasingly complex and rapidly evolving business environment. By investing in our market research reports, you can ensure your organisation remains agile, proactive, and poised for success in today's competitive market.

Don't miss the opportunity to elevate your business intelligence and strengthen your strategic planning. Secure your organisation's future success by acquiring one of our Expert Market Research reports today.

\*We at Expert Market Research always strive to provide you with the latest information. The numbers in the article are only indicative and may be different from the actual report.

#### Table of Contents:

- 1 Preface
- 2 Report Coverage - Key Segmentation and Scope
- 3 Report Description
  - 3.1 Market Definition and Outlook
  - 3.2 Properties and Applications
  - 3.3 Market Analysis
  - 3.4 Key Players
- 4 Key Assumptions

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 5 Executive Summary
  - 5.1 Overview
  - 5.2 Key Drivers
  - 5.3 Key Developments
  - 5.4 Competitive Structure
  - 5.5 Key Industrial Trends
- 6 Snapshot
  - 6.1 North America
- 7 Opportunities and Challenges in the Market
- 8 North America Detergents Market Overview
  - 8.1 Key Industry Highlights
  - 8.2 North America Detergents Historical Market (2018-2023)
  - 8.3 North America Detergents Market Forecast (2024-2032)
  - 8.4 North America Detergents Market by Type
  - 8.5 North America Detergents Market by Form
  - 8.6 North America Detergent Market by Country
    - 8.6.1 United States of America
    - 8.6.2 Canada
- 9 North America Detergent Grade Enzymes Market Analysis
  - 9.1 Key Industry Highlights
  - 9.2 North America Detergent Grade Enzymes Historical Market (2018-2023)
  - 9.3 North America Detergent Grade Enzymes Market Forecast (2024-2032)
  - 9.4 North America Detergent Grade Enzymes Market by Type
    - 9.4.1 Protease
      - 9.4.1.1 Historical Trend (2018-2023)
      - 9.4.1.2 Forecast Trend (2024-2032)
    - 9.4.2 Amylase
      - 9.4.2.1 Historical Trend (2018-2023)
      - 9.4.2.2 Forecast Trend (2024-2032)
    - 9.4.3 Lipase
      - 9.4.3.1 Historical Trend (2018-2023)
      - 9.4.3.2 Forecast Trend (2024-2032)
    - 9.4.4 Cellulase
      - 9.4.4.1 Historical Trend (2018-2023)
      - 9.4.4.2 Forecast Trend (2024-2032)
  - 9.5 North America Detergent Grade Enzymes Market by Country
    - 9.5.1 United States of America
    - 9.5.2 Canada
- 10 Regional Analysis
  - 10.1 United States of America
    - 10.1.1 Historical Trend (2018-2023)
    - 10.1.2 Forecast Trend (2024-2032)
  - 10.2 Canada
    - 10.2.1 Historical Trend (2018-2023)
    - 10.2.2 Forecast Trend (2024-2032)
- 11 Market Dynamics
  - 11.1 SWOT Analysis

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

- 11.1.1 Strengths
- 11.1.2 Weaknesses
- 11.1.3 Opportunities
- 11.1.4 Threats
- 11.2 Porter's Five Forces Analysis
  - 11.2.1 Supplier's Power
  - 11.2.2 Buyers Power
  - 11.2.3 Threat of New Entrants
  - 11.2.4 Degree of Rivalry
  - 11.2.5 Threat of Substitutes
- 11.3 Key Indicators for Demand
- 11.4 Key Indicators for Price
- 12 Value Chain Analysis
- 13 Trade Data Analysis (HS Code-3507)
  - 13.1 Major Importing Countries
    - 13.1.1 By Volume
    - 13.1.2 By Value
  - 13.2 Major Exporting Countries
    - 13.2.1 By Volume
    - 13.2.2 By Value
- 14 Price Analysis
  - 14.1 Protease Historical Price Trends (2018-2023) and Forecast (2024-2032)
  - 14.2 Amylase Historical Price Trends (2018-2023) and Forecast (2024-2032)
  - 14.3 Cellulase Historical Price Trends (2018-2023) and Forecast (2024-2032)
- 15 Manufacturing Process
  - 15.1 Overview
  - 15.2 Detailed Process Flow
  - 15.3 Operations Involved
- 16 Competitive Landscape
  - 16.1 Market Structure
  - 16.2 Company Profiles
    - 16.3.1 Novozymes North America, Inc
      - 16.3.1.1 Company Overview
      - 16.3.1.2 Product Portfolio
      - 16.3.1.3 Demographic Reach and Achievements
      - 16.3.1.4 Certifications
    - 16.3.2 BASF Enzymes LLC
      - 16.3.2.1 Company Overview
      - 16.3.2.2 Product Portfolio
      - 16.3.2.3 Demographic Reach and Achievements
      - 16.3.2.4 Certifications
    - 16.3.3 DuPont Co. (Genencer)
      - 16.3.3.1 Company Overview
      - 16.3.3.2 Product Portfolio
      - 16.3.3.3 Demographic Reach and Achievements
      - 16.3.3.4 Certifications
    - 16.3.4 DSM Nutritional Products, LLC

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 16.3.4.1 Company Overview
- 16.3.4.2 Product Portfolio
- 16.3.4.3 Demographic Reach and Achievements
- 16.3.4.4 Certifications
- 16.3.5 Amano Enzymes Corporation
  - 16.3.5.1 Company Overview
  - 16.3.5.2 Product Portfolio
  - 16.3.5.3 Demographic Reach and Achievements
  - 16.3.5.4 Certifications
- 16.3.6 Advanced Enzymes USA
  - 16.3.6.1 Company Overview
  - 16.3.6.2 Product Portfolio
  - 16.3.6.3 Demographic Reach and Achievements
  - 16.3.6.4 Certifications
- 16.3.7 American Laboratories, Inc.
  - 16.3.7.1 Company Overview
  - 16.3.7.2 Product Portfolio
  - 16.3.7.3 Demographic Reach and Achievements
  - 16.3.7.4 Certifications
- 16.3.8 Others
- 16.3 Consumer Analysis
- 17 Key Trends and Developments in the Market

Additional Customisations Available

- 1 Project Details and Cost Analysis
  - 1.1 Land, Location and Site Development
  - 1.2 Construction
  - 1.3 Plant Machinery
  - 1.4 Cost of Raw Material
  - 1.5 Packaging
  - 1.6 Transportation
  - 1.7 Utilities
  - 1.8 Manpower
  - 1.9 Other Capital Investment

List of Key Figures and Tables1. North America Detergents Market: Key Industry Highlights, 2018 and 2032

- 2. North America Detergents Historical Market: Breakup by Type (KMT), 2018-2023
- 3. North America Detergents Market Forecast: Breakup by Type (KMT), 2024-2032
- 4. North America Detergents Historical Market: Breakup by Form (KMT), 2018-2023
- 5. North America Detergents Market Forecast: Breakup by Form (KMT), 2024-2032
- 6. North America Detergents Historical Market: Breakup by Region (KMT), 2018-2023
- 7. North America Detergents Market Forecast: Breakup by Region (KMT), 2024-2032
- 8. North America Detergent Grade Enzymes Market: Key Industry Highlights, 2018 and 2032
- 9. North America Detergent Grade Enzymes Historical Market: Breakup by Type (KMT), 2018-2023
- 10. North America Detergent Grade Enzymes Market Forecast: Breakup by Type (KMT), 2024-2032
- 11. North America Detergent Grade Enzymes Historical Market: Breakup by Country (KMT), 2018-2023
- 12. North America Detergent Grade Enzymes Market Forecast: Breakup by Country (KMT), 2024-2032

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

13. Major Importing Countries by Volume
14. Major Exporting Countries by Volume
15. Major Importing Countries by Value
16. Major Exporting Countries by Value
17. Protease Historical Price Trends and Forecast 2018-2028
18. Amylase Historical Price Trends and Forecast 2018-2028
19. Cellulase Historical Price Trends and Forecast 2018-2028
20. North America Detergent Grade Enzymes Market Structure

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

**North America Detergent Grade Enzymes Market Report and Forecast 2024-2032**

Market Report | 2024-02-06 | 193 pages | EMR Inc.

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scott's-international.com

**ORDER FORM:**

Select license	License	Price
	Single User License	\$2999.00
	Five User License	\$3999.00
	Corporate License	\$4999.00
		VAT
		Total

\*Please circle the relevant license option. For any questions please contact support@scott's-international.com or 0048 603 394 346.

\*\* VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-03-16"/>
		Signature	<input type="text"/>

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scott's-international.com

www.scott's-international.com