

U.S. Antistatic Agents Market Size, Share & Trends Analysis Report By Application (PP, PE, HDPE), By End Use (Packaging), By Product (Glycerol Monostearate, Ethoxylated Amines), And Segment Forecasts, 2018 - 2025

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Abstracts

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The U.S. antistatic agents market size is expected to reach USD 84.9 million by 2025, according to a new report by Grand View Research, Inc. It is anticipated to expand at a 4.8% CAGR over the forecast period. Plastic materials and films used in packaging have a large surface area to volume ratio, which can lead to problems like static build up. Antistatic additives are used to counter this problem and to support safe handling of packaging during transportation and storage.

Antistatic agents avoid static build-up of charge in plastics used in various end-use industries such as automotive, food, textile, pharmaceutical, electronics, and others. In industrial and retail packaging, antistatic additives prevent dissipation of dust and optimize visual clarity of packaging. Static discharge is a common phenomenon in electronics, pharmaceutical, and food packaging. Sudden discharge of static electricity may damage functioning of electronic circuits and negatively impact electronic appliances such as trip computers, anti-theft devices, cellular phones, airbags, DVD players, Global Positioning Systems (GPS), and advanced sound systems.

Static electricity is used in printers and photocopiers. Although it is not harmful, sometimes it can prove to be dangerous in case of a significant amount of charge buildup that can abruptly discharge leading to a sudden spark. Possibility of sudden discharge of static electricity may have adverse effects on food packaging industry.

Demand for antistatic agents is growing swiftly led by growth in end-user industries, particularly food packaging. Global packaging industry is witnessing a significant growth owing to consolidated development of all sub-segments such as food and medical packaging. Despite the price inflation in 2016, demand for processed food was steady. Changing consumer lifestyles have resulted in growing demand for ready-to-eat food. This factor coupled with increasing number of retail stores selling packaged food is driving antistatic agents market growth.

The market is characterized by the presence of a vast number large-scale players such as 3M, BASF Corporation, and Evonik Corporation at the global level. Manufacturers such as Ampacet Corporation and Blend Colors Pvt. Ltd. are looking forward to increasing market scope by expanding their geographical footprint.

Further key findings from the report suggest:

Ethoxylated amines accounted for 43.8% of the total revenue in 2016. Glycerol monostearate is also anticipated to witness steady growth over the forecast period

Diethanolamides are similar in composition to ethoxylated amines and are produced from amination of fatty methyl esters. They provide the best performance in LDPE and LLDPE applications and are compatible with polyethylene, polypropylene, acrylonitrile butadiene styrene, and non-corrosive to polycarbonate surfaces

Demand from polypropylene application is expected to grow to reduce build ups of static charges in handling goods made of propylene during loading, unloading, and packaging operations

Key players operating in the global antistatic agents market include The 3M Company; Akzo Nobel N.V.; BASF Corporation; Croda International Plc.; Arkema, Inc.; Ampacet Corporation; and Evonik Corporation.

Contents

CHAPTER 1. METHODOLOGY AND SCOPE

- 1.1. Research methodology
- 1.2. Research scope & assumptions
 - 1.2.1. Research Scope
 - 1.2.2. Assumptions
- 1.3. List of data sources

CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. Market snapshot

CHAPTER 3. U.S. ANTISTATIC AGENTS MARKET: INDUSTRY OUTLOOK

- 3.1. Market segmentation & scope
- 3.2. Penetration & growth prospect mapping
- 3.3. Value chain analysis
 - 3.3.1. Raw material outlook
 - 3.3.1.1. Fatty acids
 - 3.3.1.2. Nitrogen derivatives
- 3.4. Industry analysis: Porter's Analysis
- 3.5. PESTEL Analysis
- 3.6. Market dynamics
 - 3.6.1. Market driver analysis
 - 3.6.1.1. Rising demand for antistatic agents led by growth in end-use industries
 - 3.6.1.2. Antistatic agents poised to grow owing to wider acceptance of bioplastics
 - 3.6.2. Market restraint analysis
 - 3.6.2.1. Polymer recycling barriers may challenge market growth

CHAPTER 4. U.S. ANTISTATIC AGENTS MARKET: PRODUCT ESTIMATES & TREND ANALYSIS

- 4.1. Antistatic agents product movement analysis & market share, 2016 & 2025
- 4.2. Ethoxylated Amines
 - 4.2.1. Market estimates and forecasts of ethoxylated amine, 2014 - 2025 (Tons) (USD Thousand)

4.3. Glycerol Esters (Glycerol Monostearate)

4.3.1. Market estimates and forecasts of glycerol esters (glycerol monostearate), 2014 - 2025 (Tons) (USD Thousand)

4.4. Diethanolamides

4.4.1. Market estimates and forecasts of diethanolamides, 2014 - 2025 (Tons) (USD Thousand)

4.5. Amine Free Antistatic Agents

4.5.1. Market estimates and forecasts of amine free antistatic agents, 2014 - 2025 (Tons) (USD Thousand)

CHAPTER 5. U.S. ANTISTATIC AGENTS MARKET: APPLICATION ESTIMATES & TREND ANALYSIS

5.1. Application movement analysis & market share, 2016 & 2025

5.2. Polyethylene (PE)

5.2.1. Market estimates and forecasts in polyethylene, 2014 - 2025 (Tons) (USD Thousand)

5.2.2. Polyethylene sub-segments

5.2.2.1. Market estimates and forecasts, by polyethylene sub-segments, 2014 - 2025 (Tons) (USD Thousand)

5.2.2.2. Antistatic agents in high density polyethylene (HDPE) application

5.2.2.2.1. Market estimates and forecasts in high density polyethylene (HDPE), by product, 2014 - 2025 (Tons) (USD Thousand)

5.3. Polypropylene

5.3.1. Market estimates and forecasts in polypropylene, 2014 - 2025 (Tons) (USD Thousand)

5.3.1.1. Antistatic agents in polypropylene (PP) application

5.3.1.1.1. Market estimates and forecasts in polypropylene (PP), by product, 2014 - 2025 (Tons) (USD Thousand)

5.4. Other applications

5.4.1. Market estimates and forecasts in other applications, 2014 - 2025 (Tons) (USD Thousand)

CHAPTER 6. U.S. ANTISTATIC AGENTS MARKET: END-USE ESTIMATES & TREND ANALYSIS

6.1. End-Use movement analysis & market share, 2016 & 2025

6.2. Packaging

6.2.1. Market, in packaging, estimates and forecasts, 2014 - 2025 (Tons) (USD

Thousand)

6.2.1.1. Packaging sub-segments

6.2.1.2. Market estimates and forecasts, in packaging sub-segments, 2014 - 2025

(Tons) (USD Thousand)

6.3. Other end-use

6.3.1. Market estimates and forecasts, in other end-use, 2014 - 2025 (Tons) (USD Thousand)

CHAPTER 7. COMPETITIVE LANDSCAPE

7.1. Vendor landscape

7.2. Competitive environment

7.3. Company market positioning

7.4. Strategic framework

CHAPTER 8. COMPANY PROFILES

8.1. The 3M Company

8.1.1. Company overview

8.1.2. Financial performance

8.1.3. Product benchmarking

8.2. Akzo Nobel N.V.

8.2.1. Company overview

8.2.2. Financial performance

8.2.3. Product benchmarking

8.3. BASF SE

8.3.1. Company overview

8.3.2. Financial performance

8.3.3. Product benchmarking

8.3.4. Strategic initiatives

8.4. E. I. du Pont de Nemours and Company

8.4.1. Company overview

8.4.2. Financial performance

8.4.3. Product benchmarking

8.5. Croda International Plc

8.5.1. Company overview

8.5.2. Financial performance

8.5.3. Product benchmarking

8.6. Ampacet Corporation

- 8.6.1. Company overview
- 8.6.2. Financial performance
- 8.6.3. Product benchmarking
- 8.6.4. Strategic initiatives
- 8.7. Evonik Corporation
 - 8.7.1. Company overview
 - 8.7.2. Financial performance
 - 8.7.3. Product benchmarking
- 8.8. Arkema, Inc.
 - 8.8.1. Company overview
 - 8.8.2. Financial performance
 - 8.8.3. Product benchmarking
- 8.9. Solvay America, Inc.
 - 8.9.1. Company overview
 - 8.9.2. Financial performance
 - 8.9.3. Product benchmarking
- 8.10. A. Schulman, Inc.
 - 8.10.1. Company overview
 - 8.10.2. Financial performance
 - 8.10.3. Product benchmarking
 - 8.10.4. Strategic initiatives

List Of Tables

LIST OF TABLES

1. U.S. antistatic agents market estimates and forecasts of ethoxylated amine, 2014 - 2025 (Tons) (USD Thousand)
2. U.S. antistatic agents market estimates and forecasts of glycerol esters (glycerol monostearate), 2014 - 2025 (Tons) (USD Thousand)
3. U.S. antistatic agents market estimates and forecasts of diethanolamides, 2014 - 2025 (Tons) (USD Thousand)
4. U.S. antistatic agents market estimates and forecasts of amine free antistatic agents, 2014 - 2025 (Tons) (USD Thousand)
5. U.S. antistatic agents market estimates and forecasts in polyethylene, 2014 - 2025 (Tons) (USD Thousand)
6. U.S. antistatic agents market volume, by polyethylene sub-segments, 2014 - 2025 (Tons)
7. U.S. antistatic agents market volume in high density polyethylene (HDPE), by product 2014 - 2025 (Tons)
8. U.S. antistatic agents market revenue, by polyethylene sub-segments, 2014 - 2025 (USD Thousand)
9. U.S. antistatic agents market revenue in high density polyethylene (HDPE), by product, 2014 - 2025 (USD Thousand)
10. U.S. antistatic agents market estimates and forecasts in polypropylene, 2014 - 2025 (Tons) (USD Thousand)
11. U.S. antistatic agents market volume in polypropylene (PP), by product, 2014 - 2025 (Tons)
12. U.S. antistatic agents market in polypropylene(PP) revenue, by product, 2014 - 2025 (USD Thousand)
13. U.S. antistatic agents market estimates and forecasts in other applications, 2014 - 2025 (Tons) (USD Thousand)
14. U.S. antistatic agents market, in packaging, estimates and forecasts, 2014 - 2025 (Tons) (USD Thousand)
15. U.S. antistatic agents market volume, in packaging sub-segments, 2014 - 2025 (Tons)
16. U.S. antistatic agents market revenue, in packaging sub-segments, 2014 - 2025 (USD Thousand)
17. U.S. antistatic agents market estimates and forecasts, in other end-use, 2014 - 2025 (Tons) (USD Thousand)

List Of Figures

LIST OF FIGURES

1. Market snapshot
2. Market segmentation and scope
3. Penetration & growth prospect mapping
4. Value chain analysis
5. Market dynamics
6. Market trends & outlook
7. Market driver relevance analysis (Current & future impact)
8. Global production capacities of bioplastics, by region, 2015
9. Porter's five forces analysis
10. PESTEL analysis
11. U.S. antistatic agents type market outlook: Key takeaways
12. U.S. antistatic agents market: Type movement analysis, 2016 and 2025
13. Antistatic agents application outlook: Key takeaways
14. U.S. antistatic agents market: Application movement analysis, 2016 and 2025
15. U.S. antistatic agents end-use market outlook: Key takeaways
16. U.S. antistatic agents market: End-use movement analysis, 2016 and 2025
17. Strategy mapping of key market players

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