

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.



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