Mevopur™ Healthcare Functional Additives

Antistatic Additive

Plastics often undergo charge build-up, which can lead to handling problems and electrical discharges. The Mevopur™ Healthcare Functional Additives portfolio includes antistatic additives that reduce the surface resistivity of polymers and the issues caused by electrostatic charges.

These antistatic concentrates can be used to increase the visual appeal of a medical device by avoiding charge-related dust accumulation. They can also improve the dosing accuracy of powder substances.

Avient offers two types of Mevopur antistatic solutions: a non-migrating solution, that uses a fibril network to offer an immediate and constant effect; and a migrating solution, which offers antistatic properties through the attraction of water molecules on the surface to lower surface tension.

APPLICATIONS

- Medical devices
- Drug delivery devices
- Labware

KEY CHARACTERISTICS

- Manufactured at four ISO 13485 certified sites, providing global consistency and increased security of supply
- Documented change control beyond CAS number level, reducing risk of change

REGULATORY SUPPORT

- Raw materials tested to:
  - ISO 10993-1 and USP <87> <88> biological evaluation
  - European Pharmacopeia 3.1.3/3.1.5 (polyolefin)
  - USP <661.1> (polyethylene)
  - ICH Q3D elemental impurities
- Registered Drug Master File (Type III) and/or Device Master File
- Food contact established with FDA/EU*

* FDA/EU compliance information available upon request

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