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BU Additives and Adsorbents

Hostastat™ HS 1 pills

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Antistatic agent for plastic materials

Product Description

Hostastat HS 1 pills is an alkane sulfonate which provides highly effective antistatic properties to thermoplastic polymers.

Benefits

- Hostastat HS 1 pills is an antistatic agent mainly used in engineering plastics and PVC
- It exhibits an outstanding efficiency and provides long term antistatic effect

Chemical composition

Chemical nature: Secondary alkane sulfonated sodium salt

Classification: Anionic antistatic agent for plastics

Specifications

Delivery Specifications and (*) General Properties

Characteristics	Unit	Target Value	Test Method
Appearance		yellowish pills	QM-AA-634
Paraffinesulfonate content	[%]	min. 90	ISO 2271
Paraffine content	[%]	max. 1.0	ISO 893 or 1104
Sodium sulfate	[%]	4 - 6	DGF H-III 8
Water content	[%]	max. 1.0	DIN 51777

Applications

Hostastat HS 1 pills is incorporated into plastics to reduce the negative effects of electrostatic charge accumulation such as dust attraction, static discharge and splashing of printing inks. During the processing of thermoplastics, Hostastat HS 1 pills acts as a flow promoting lubricant and release agent.

Hostastat HS 1 pills is preferably used as an internal antistatic agent for polar plastics, such as PVC and styrenics. Where incorporation into the polymer is not possible, it can be applied externally to the surface of the finished article by spraying or dipping. Therefore it is normally used in the form of a 1 % aqueous solution in conjunction with 0,1 % of a suitable surface-acting alcohol, such as polyvinylalcohol polymer (type Mowiol® 10 – 74).

Packaging and Handling

Delivery form

Pills

The product is also available in other physical form.

Pills form may contain traces of brownish or greyish granules which have neither influence on the properties nor on the usability of the product.

Packaging

Polyethylene bag 25 kg

Pallet 500 kg (20 bags)

Storage

Minimum shelf life is two years from the date of shipping when properly stored.

Partially emptied containers should be carefully resealed immediately after use.

Protect from moisture.

The product should be stored dry and at room temperatures and processed immediately after opening the packaging.

Safety

Hazards

Classification according CLP regulation (Regulation (EC) No. 1272/2008, as amended).

Acute toxicity, Cat. 4

Skin irritation, Cat. 2

Serious eye damage, Cat. 1

Long-term (chronic) aquatic hazard, Cat. 3

For further information please refer to the Material Safety Data Sheet.

Contact Us;

Please contact us for safety and regulatory details or the Material Safety Data Sheet (MSDS).

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