



# CLARIANT<sup>E</sup>

Print this page **Plastics**

**Additives and Adsorbents**

## Hostastat® HS 1 pills Zn

**Edition Date** January 01, 2014 **Edition Number** 7

### Antistatic agent for plastic materials

#### Product Description

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

#### Benefits

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

#### Physical Properties

Hostastat HS 1 pills Zn has a good solubility in water.

<b>Melting Point</b>	ca. 220 °C (396 °F)
<b>Alkane sulfonate</b>	≥ 90 %
<b>Sodium sulfonate</b>	ca. 5 %

#### Applications

Hostastat HS 1 pills Zn 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 Zn acts as a flow promoting lubricant and release agent.

Hostastat HS 1 pills Zn 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 Mowiol® 10 – 74.

#### Packaging and Handling

##### Delivery form

Pills Zn

The product is also available in other physical form.

Pills Zn 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 20 kg

Pallet 500 kg (25 bags)

##### Storage

Minimum shelf life is 2 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.

#### EcoTain®

Products that offer outstanding sustainability advantages are awarded Clariant's EcoTain® label. EcoTain® products significantly exceed sustainability market standards, have best-in-class performance and contribute overall to sustainability efforts of the company and our customers. Find out more about: [EcoTain®](#).

#### Safety

##### Hazards

Information about classification according to CLP regulation (Regulation (EC) No. 1272/2008, as amended).

Symbol harmful (Xn)

R22

R38

R41

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).

This information corresponds to the present state of our knowledge and is intended as a general description of our products and their possible applications. Clariant makes no warranties, express or implied, as to the information's accuracy, adequacy, sufficiency or freedom from defect and assumes no liability in connection with any use of this information. Any user of this product is responsible for determining the suitability of Clariant's products for its particular application.

\* Nothing included in this information waives any of Clariant's General Terms and Conditions of Sale, which control unless it agrees otherwise in writing. Any existing intellectual/industrial property rights must be observed. Due to possible changes in our products and applicable national and international regulations and laws, the status of our products could change. Material Safety Data Sheets providing safety precautions, that should be observed when handling or storing Clariant products, are available upon request and are provided in compliance with applicable law. You should obtain and review the applicable Material Safety Data Sheet information before handling any of these products. For additional information, please contact Clariant.

\* For sales to customers located within the United States and Canada the following applies in addition: No express or implied warranty is made of the merchantability, suitability, fitness for a particular purpose or otherwise of any product or service.

© Trademark of Clariant registered in many countries.

© 2019 Clariant International Ltd

[www.clariant.com](http://www.clariant.com)