



Polypropylene Bormed™ HD810MO

STATEMENT ON POLYMER ADDITIVES AND BSE

In this product we incorporate small amounts of stearates or other materials derived from fatty acids. These are derived from fat, mainly from animal origin. The following can be stated about the fat delivery chain:

- Our suppliers guarantee that their fat supply comes from countries with no BSE and that specific risk materials are not used. Thus the requirements of the Commission Decisions 2000/418/EC and 2001/2/EC regulating the use of materials presenting risks as regards transmissible spongiform encephalopathies (TSE) are fulfilled.
- The process of making stearates include hydrolysis, esterification and hydrogenation steps in different variations depending on the supplier. The common features are that these steps include processing conditions with temperatures above 235 °C, pressures above 30 bars with retention times up to several hours. The final product is obtained through fractionation, neutralisation and purification.
- The subsequent extrusions at our factory granulator and when producing the product take place at 200 °C for several minutes.

The production chain of stearates thus far exceeds the stringent requirements of 200 °C for 20 minutes in Annex II of the EU Directive 99/534/EC, in EU Directives 2000/6/EC and 1999/82/EC (referring to Document EMEA/410/01-Final, latest version: Rev. 2 – October 2003) and in the Report WHO/CDS/VPH/95.145, meaning that any virus, bacteria or substance causing immunological diseases (TSE; BSE, CJD) is destroyed.

In the FDA document FR Doc 04-15881 (14.07.2004) on “Use of materials derived from cattle in human food and cosmetics” tallow derivatives are excluded from “Prohibited cattle materials”

We therefore state that these materials and our product are to be considered safe to use in food, pharmaceutical and cosmetic contact applications with respect to BSE and TSE transmissions.

Prepared by

Borealis Group Product Stewardship / Jürgen Emig

Bormed is a trademark of Borealis A/S, Denmark.

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Borealis makes no warranties which extend beyond the description contained herein. Nothing herein shall constitute any warranty of merchantability or fitness for a particular purpose.

It is the customer's responsibility to inspect and test our products in order to satisfy itself as to the suitability of the products for the customer's particular purpose. The customer is responsible for the appropriate, safe and legal use, processing and handling of our products.

No liability can be accepted in respect of the use of Borealis' products in conjunction with other materials. The information contained herein relates exclusively to our products when not used in conjunction with any third party materials.