

Polyolefins

Animal (tallow) based additives

Majority of Borealis' virgin polyolefin products are manufactured using additives of synthetic and/or vegetable origin. Wherever possible tallow based additives have been replaced by vegetable versions.

Product specific information is available for all consumer and healthcare products. Please refer to the product specific "Statement on Chemicals, Regulations and Standards", where absence declaration on "Additives of animal origin" can be found on page 2.

Statement on BSE/TSE

Few additives derived from fatty acids of animal origin are still used. All suppliers of such additives guarantee that their manufacturing conditions exceed the requirements laid down in Regulation (EU) No 1069/2009, 142/2011 and "Note for Guidance EMA/410/01 (rev. 3)". Further, the plastic material is exposed to temperatures above 200 °C for several minutes during the extrusion step in the plastic manufacturing process. Under the described conditions any virus, bacteria or substance causing immunological diseases (TSE; BSE, CJD) is destroyed.

We therefore confirm that all Borealis' polyolefin products are to be considered safe with respect to BSE and TSE transmissions.

Halal certification

Borealis' polyolefin products do not have official Halal certification.

As supporting information, we can confirm absence of animal based additives via product specific statement (please refer to the first chapter). We further confirm that during plastic manufacturing process, we do not use or intentionally add any drinkable alcohol (ethanol).

Kosher certification

Borealis' polyolefin products do not have official Kosher certification.

As supporting information, we can confirm absence of animal based additives via product specific statement (please refer to first chapter). We further confirm that during plastic manufacturing process, we do not use or intentionally add any dairy products, marine products or their derivatives.

GMO safety

We confirm that genetically modified organisms (GMO) are not used or intentionally added into Borealis' polyolefin products. We therefore state that all polyolefin products are to be considered safe with respect to the GMO related health or environmental aspects.

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Palm based additives

A few vegetable based additives are derived from vegetable oils amongst others also from palm oil or palm kernel oil. Whenever possible, Borealis assures on contractual basis that such additives are sourced from Roundtable on Sustainable Palm Oil (RSPO) certified sources. However, due to complexity of supply chain and/or commercial availability, Borealis cannot guarantee that 100% of its additives are sourced from certified alternatives.

Prepared by Borealis, Group Product Stewardship

Disclaimer

To the best of our knowledge, the information contained herein is accurate and reliable as of the date of publication, however we do not assume any liability whatsoever for the accuracy and completeness of such information.

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.