

Polyolefins, Fertiliser and Base Chemicals

Statement on Borealis product packaging compliance to the EU Directive 94/62/EC on Packaging and Packaging Waste

Scope

This document defines and clarifies how Borealis product packaging as delivered from our sites is complying with the requirements of the EU Packaging and Packaging Waste Directive (PPW) 94/62/EC and the essential requirements of CEN technical standards EN 13427, EN 13428, EN 13429, EN 13430, EN 13431 and EN 13432.

Prevention by source reduction

Heavy metals

Packaging materials used to pack Borealis products contain less than 100 ppm in sum of the heavy metals Pb, Hg, Cd and Cr(VI) as required by the PPW. This statement is based on certification given by packaging material suppliers to Borealis. In practice heavy metals cannot be detected in our product packaging materials by normal analytical methods.

Noxious and hazardous substances

Substances (and mixtures) classified as hazardous to the environment according CLP Regulation (EC) 1272/2008, assigned with the symbol 'GHS09' and one of the hazard statements H400, H410 or H411 have been minimised according to standard EN13428:2004. This statement is based on certification by our packaging material suppliers.

Bulk deliveries

Borealis strives to use bulk deliveries in the form of containers or silo trucks to the extent this is possible. This delivery form generates no packaging waste, except for inner plastic liners in the containers.

Downgauging

Borealis can exhibit a long track record of continuously using thinner materials for bags, liners and films. This work has been done taking safety and possible breakage with loss of packaging content into account in storing, loading and transport.

PRS pallets

Borealis has been in the forefront of introducing and using standardised, returnable wooden pallets as part of a PRS pooling system, thus replacing one-way pallets. All wooden pallets used by Borealis are heat-treated according to standard ISPM15. No chemical treatment is applied.

Prevention plans

Prevention plans are available in countries where this is compulsory.

Reuse

Borealis employs multi-trip pallets only in the PRS pooling system. They are returned from central depots to our sites. The maintenance is done by the pallet pooler or their subcontractors.

Borealis uses returnable containers for bulk deliveries. An extensive quality control system is used to guarantee the cleanliness of empty containers and tank cars.

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Recovery

Mechanical recycling

All Borealis packaging material are clean as delivered and with proper collection and storing they can easily and economically be recycled as material. Borealis has no own recycling facilities for packaging waste and therefore we subscribe to national systems in countries where we operate wherever such systems exist:

Austria	ARA Altstoff Recycling Austria AG
Belgium	Val-I-Pac Asbl
Finland	Suomen Pakkauskierrätys RINKI Oy
France	SOVEEA
Germany	RIGK GmbH
Holland	VMK
Italy	Conai
Norway	Materialretur AS
Slovakia	Envi-Pak a.s.
Spain	Cicloplast
Sweden	FTIAB
United Kingdom	Valpak Ltd

Energy recovery

Borealis packaging materials can be processed into clean fuels with high calorific value.

Issuer

This document is issued by 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.