

RIBLENE®

LDPE - Low Density Polyethylene

Riblene is a Low Density Polyethylene (LDPE), produced by versalis with approved components (monomer, additives, etc.) under a third party certified ISO 9001:2008 Quality Management System.

Regulated and declarable substances

In the manufacturing of all Riblene grades, the following substances or class of substances are either not used or the product complies with the applicable requirements of the regulatory reference cited:

SUBSTANCES	REGULATORY REFERENCE
Acrylamide	Reg. (EC) No 366/2011
Aromatic amines	Reg. (EC) No 1907/2006, Annex XVII
Asbestos fibres	Reg. (EC) No 1907/2006, Annex XVII
Azocolourants and Azodyes	Reg. (EC) No 1907/2006, Annex XVII
Benzophenone	Reg. No 1223/2009
Biocides	Reg. 528/2012
Bisphenols including Bisphenol-A	Reg. (EC) No 321/2011
Butylhydroxytoluene; Butylhydroxyanisole (BHT, BHA)	---
Brominated flame retardants	---
Chlorinated aliphatic compounds; Alkanes, C ₁₀ -C ₁₃ , chloro (Short-Chain Chlorinated Paraffins - SCCPs)	Reg. (EC) No 1907/2006, Annex XVII
Conflict Minerals: Tantalum, Tungsten, Tin, Gold, Cassiterite, Columbite-Tantalite (Colran), Wolframite and their derivatives	Dodd-Frank Wall Street Reform and Consumer Protection Act (2010)
Dimethylfumarate (DMF)	Commission Decision 2009/251/EC
Dioxins and difurans	---
Epoxy derivatives (BADGE, NOGE, BFDGE)	Regulation (EC) No1895/2005
ESBO Epoxidized soy bean oil	Directive 2005/79/EC
Food allergens	Regulation (EC) 1169/2011 - annex II
Formaldehyde	EN 71-9
Genetically modified organisms (GMO)	Directive 2001/18/EC
Heavy metals: cadmium (Cd), hexavalent chromium (Cr VI), lead (Pb), mercury (Hg) and their compounds	Directive 94/62/EC "Packaging and packaging waste", Directive 2000/53/EC "End of Life Vehicles", Dir. 2011/65/EU "Restriction of Hazardous Substances - RoHS", US CONEG Legislation; SJ/T 11363-2006 (China RoHS).
Isoprophyltioxantone (ITX)	Reg. (EC) No 2023/2006
Jatropha plant derivatives and extracts	---

SUBSTANCES	REGULATORY REFERENCE
Melamine	Reg. (EU) 284/2011
Nanomaterials	Commission Recommendation 2011/696
Natural Latex	---
Nitrosamines	Directive 1993/11/EEC
Nonylphenol, nonylphenol ethoxylates, TNPP, Alkylphenols etoxylated (APEO)	Reg. (EC) No 1907/2006, Annex XVII
Ozone depleting substances: chlorofluorohydrocarbons (CFC, HCFC)	Regulation (EC) No 1005/2009
Perfluorooctane sulfonates (PFOS), Perfluorooctanoic acid (PFOA)	Reg. (EC) No 1907/2006, Annex XVII
Pesticides, Herbicides	Regulation (EC) No 1107/2009
Phthalate esters (e.g. DEHP, DBP, BBP, DINP, DIDP, DIBP, DNOP, etc.)	Reg. (EC) No 1907/2006, Annex XVII; Directive 2011/65/EU "Restriction of Hazardous Substances, RoHS"
Polychlorinated biphenyls, polychlorinated terphenyls (PCB, PCT)	Reg. (EC) No 1907/2006, Annex XVII
Polycyclic aromatic hydrocarbons (PAH)	Reg. (EC) No 1907/2006, Annex XVII
Polybrominated-diphenyl compounds (PBB, PBDE incl. penta- octa- and deca-BDE)	Directive 2011/65/EU "Restriction of Hazardous Substances, RoHS", SJ/T 11363-2006 (China RoHS); Reg. (EC) No 1907/2006, Annex XVII
Persistent Organic Pollutants (POP)	Regulation (EC) 850/2004
PVC, PVDC, vinyl chloride monomer (VCM)	---
Radioactive substances	Council Directive 2013/59
Recycled materials	---
Tin organic compounds (MTB, DBT, TBT, etc.)	Reg. (EC) No 1907/2006, Annex XVII; Commission Decision 2009/425/EC
Thiuram mix	---

From the foregoing we can confirm that there is no reason that said substances may be found in the above mentioned materials as supplied in original sealed packaging.

Regarding other substances not listed in this statement, we confirm that our mentioned products comply with all the applicable restrictions set by the REACH Regulation (EC) No 1907/2006, annex XVII "Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles" and following amendments: these laws and their amendments represent our applicable regulatory reference in case of claims.

Compliance with other Regulations

The Riblene grades complies with the applicable requirements of the following regulations:

BSE/TSE: The products do not contain specified risk materials as defined by Regulation (EC) 999/2001/EC and by the EMEA guideline 410/01 rev. 3; additives manufactured by raw materials from animal origin are certified as BSE/TSE-free by their suppliers.

Toy safety standards: The product is in compliance with the applicable requirements of Directive 2009/48/EC on the safety of toys and in compliance with the compositional requirements of EN 71-3 "Safety of toys - Migration of certain elements".

The products are in compliance with the compositional requirements of the Consumer Product Safety Improvement Act of 2008 (CPSIA - USA); no lead and lead-based compounds (section 101 of the Act) and phthalates (section 108 of the Act) are used in the production.

Proposition 65: we do not use chemicals listed in Proposition 65 as additives in the production of our mentioned materials. Given the material's physical form, possible trace contaminants are not expected to lead to any significant exposure.

GADSL: the products are in compliance with the requirements of the Global Automotive Declarable Substance List (GADSL), 2016 version.

Switzerland VOC ordinance: the products are exempted by the Ordinance 814.018 (OCOV) as the residual volatile compounds are below the regulation's 3% limit.

CMR substances: the content of residuals substances classified in Category 1A, 1B and 2, if any, is far below the classification limits set by Regulation (EC) 1272/2008.

Reused/Recycled materials: No reused or recycled material are used in the production of the mentioned versalis products, that does not fall in the field of application of Reg. (EC) No 282/2008.

National Chemical Inventories

Riblene base polymer (Polyethylene) and the additives used in its formulation are listed in the following national chemical inventories:

USA: Toxic Substances Control Act (TSCA)

Canada: Domestic Substances List (DSL)

Europe: EINECS/ELINCS; REACH pre-registration and Registration procedure (where applicable)

Australia: Inventory of chemical substances (AICS)

New Zealand: Inventory of chemical substances (NZIoC)

Korea: Existing Chemical List (ECL)

Japan: Inventory of Existing and new chemical substances (ENCS)

Philippines: Inventory of Chemicals and Chemical Substances (PICCS)

China: Inventory of Exist. Chem. Substances Manufactured or Imported in China (IECSC)

Taiwan: Taiwan Chemical Substances Inventory (TCSI).

Food Contact Status

Riblene grades comply with the rules in force in Europe for plastic materials intended for food contact applications (Regulation EC n.10/2011 and following amendments) as well as in other Countries.

Specific statements of compliance are available upon request.

This document is issued by:

Product Compliance Dept.

versalis spa

versalis S.p.A.
Piazza Boldrini, 1
20097 San Donato Milanese, Italy

Riblene ® is a registered trademark of versalis

Disclaimer: the information and data presented herein are to the best of our knowledge true and accurate; but no warranty or guarantee, expressed or implied, is made nor is any liability accepted with respect to the use of such information and data. The reference are the applicable regulatory requirements. Please refer to the relevant Safety Data Sheet and to the Technical Data Sheet for additional product's information. versalis is available to provide specific product statements on demand.

This statement is valid three years and replaces those issued earlier.