

June 10, 2016

Kristina Rebrovic  
Resinex  
Moerenstraat 85A  
2370 Arendonk  
Belgium

Dear Ms. Rebrovic,

This letter provides our assurance that Ingeo™ biopolymer 2003D, 2500HP, 3D850, 3001D, 3052D, 3100HP, 3251D, 3260HP, 4032D, 4043D, 7001D and 8052D as supplied from our factory gate is suitable for use in food-contact applications in the European Union (EU).

EU	As a raw material with 1935/2004/EEC and Plastics Regulation 10/2011 amended by 1282/2011, 321/2011, 1183/2012, 202/2014 and 174/2015, applying to all EU Member States. Ingeo is produced using ingredients listed in Table 1 of Annex 1 of Plastics Regulation 10/2011. There are no SML and SML(T) listed under Table 1 of Annex 1 for these ingredients.
Belgium	Royal Decree 92-1952 of 11-05-1992, including subsequent modifications.
Germany	Bedarfsgegenständeverordnung. 1998 Bundesgesetzblatt (BGBl.) I, number 1 page 5, 23 December 1997. As amended by 2003 BGBl. I, number 14, page 486, 10 April 2003.
France	"Brochure 1227 (Journal Officiel de la République Française du 4 juin 1997)" including subsequent modifications
Italy	"Decreti Ministeriale" of 21-03-1973 and 26-04-1993, including subsequent modifications. DPR 777/82 as amended.
Spain	"Reales Decretos" 1125/1982 of 30-04-1982 and 211/1992 of 06-03-1992, including subsequent modifications.
Switzerland	Verordnung über Materialien und Gegenstände aus Kunststoff (Kunststoffverordnung, KsV)], 1995 Amtliche Sammlung des Bundesrechts, number 28, page 3350, 25 July 1995, as amended by 1998.
The Netherlands	Besluit inzake verpakkingen en gebruiksartikelen, zoals gewijzigd 1979 Staatsblad number 558 as amended by 1996 Staatscourant number 161, 22 August 1996.
United Kingdom	The Plastic Materials and Articles in Contact with Food Regulations 1998, 1998 Statutory Instrument (SI), number 1376. As amended by 2002 SI, number 3008, 11 December 2002.

Commission Directive 2002/72/EC specify overall migration less than 10 mg/dm<sup>2</sup>. Lactic acid can be considered a Dual Use Substance as it can be used as a direct and indirect food additive. However, there are no SML's (Specific Migration Limit) for the above referenced grade(s) nor are there any restrictions for the substance or degradation products in Regulation 10/2011(amended by 1282/2011, 321/2011, and 1183/2012, 202/2014, 174/2015). In addition, the grade(s) is compliant with 1895/2005/EC in the restriction of use of epoxy derivatives in food contact. The referenced grade(s) is suitable for use with all food types under condition OM6 (and below).

When used as described above, and provided the appropriate limitations identified above are met, NatureWorks LLC product should comply with the requirements of Article 3 of the Framework Regulation (EC) No. 1935/2004.

Ingeo™ innovations are made uniquely from NatureWorks® biopolymer



This grade complies with 2023/2006/EC GMP and as supplied meets European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste heavy metal content as described in Article 11. It is recoverable in the form of material recycling, energy recovery, composting, and biodegradable per Annex II point 3, subject to the standards of the local community. It is the responsibility of the manufacturer of the finished food-contact article to determine that the use of a product is safe, lawful, and technically suitable for the intended application. While the above referenced NatureWorks LLC product is permitted by the listing of its components on the Plastics Directive, the finished food-contact article must meet any applicable limitations and specifications described in that legislation.

Since the manufacture of the finished food-contact article is outside of NatureWorks LLC control, NatureWorks LLC makes no warranties, express or implied, and assumes no liability in connection with any use of this information. In addition, our assurance statement is subject to the terms and conditions set forth in the invoice or other contract or shipping document issued by NatureWorks LLC with respect to any limitations on liability.

Best Regards,



William A. Suehr  
COO  
NatureWorks LLC

c.c. File

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