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SERVIGLIANO LI 11 05 2020

Oggetto:

DECLARATION OF COMPLIANCE FOR BIO BASED CUTLERY AND ICE CREAM SPOONS MADE OF LIQUID WOOD , AS PRESCRIBED FROM EU REGULATION N 10 / 2011

NAME AND ADDRESS OF THE COMMERCIAL OPERATOR THAT ISSUE THE DECLARATION:

Fermani Cannucce surl
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63839 Servigliano - Italy
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TYPES OF MATERIALS USED TO PRODUCE THE FINISHED PRODUCT :

RAW MATERIAL 4692

This material is completely biobased tested according to ASTM D6866 and in compliance with the rules of the Regulation (EC) No. 1935/2004 of the European Parliament and of the Council of 27 October 2004 on materials and articles intended to come into contact with food and repealing Directives 80/590/EEC and 89/109/EEC, Official Journal of the European Union L 338/4 of 13 November 2004, modified by app. No. 5.17 of the regulation (EC) No. 596/2009 of 18 June 2009, Official Journal of the European Union L 188 of 18 July 2009, article 3, as well as to the Foodstuffs, Consumer Goods and Animal Feed Code (Foodstuffs and Animal Feed Code-LFGB) in the version of the notification of 3 June 2013 (BGBl. P. 1426), last amended by article 4 section 20 of the law of 7 August 2013 (BGBl. I p. 3154), §§ 30 and 31.

The material meets the demands of the Decree on Consumer Goods in the version of the communication of 23 December 1997 (BGBl. 1998 I p. 5), last amended by Article 1 of the Decree of 24 June 2013 (BGBl. I p. 1682).

FOOD CONTACT

The composition of the material complies with the requirements of the Commission Regulation (EU) No. 10/2011 of 14 January 2011 on plastic materials and articles intended to come into contact with food, Official Journal of the European Union L 12/1 of 15 January 2011, last amended by Commission Regulation (EU) 2016/1416 of 24 August 2016, Official Journal of the European Union L 230/22 of 25 August 2016 and by Commission Regulation (EU) 2017/752 of 28 April 2017, Official Journal of the European Union L 113/18 of 29 April 2017.

The material complies with the FDA (U.S. Food and Drug Administration) regulations as defined in 21 CFR (U.S. Code of Federal Regulations) and can also be used in contact with all types of food from "I" to "IX" as described in Table 1 of Section 176.170(c) of this chapter, and under conditions of use from "A" to "H" as described in Table 2 of Section 176.170(c) of this chapter.

COMPOSTABILITY

Composting of organic waste helps to divert it from landfill or incineration. Composting is a biological process in which organic wastes are degraded by microorganisms into carbon dioxide, water and humus, a soil nutrient. The organic phase of this material is exclusively made of components which are biodegradable and in accordance to DIN EN ISO 14855 under the aerobic conditions of controlled composting. It biodegrades in industrial and home compost as well as in soil. As the compostability of the end product is also dependent on its geometry, it is always the responsibility of the manufacturer of the end product to ensure compliance with current regulations.

CONTROLLED REFORESTATION

Our raw materials are certified through the PEFC chain of custody protocol in compliance with the currently valid regulation (PEFC Technical Document Annex 4; Edition June 17, 2005) for the manufacturing inspection of wood and wood products, and based on the percentage method. PEFC Programme for the Endorsement of Forest Certification is the world's largest forest certification system. Its internationally recognized standards have transformed the way forests are managed globally and locally to ensure the full enjoyment of the environmental, social and economic benefits that forests offer. PEFC's Chain of Custody certification is a mechanism for tracking certified material from the forest to the final product to ensure that the wood, wood fibre or non-wood forest produce contained in the product or product line can be traced back to certified forests.

FINISHED PRODUCT SIZE AND DIMENSION :

LENGHT : FROM 95 MM TO 180 MM

COLOUR : NEUTRAL

TOLLERANCE ON WEIGHT AND SIZE +/- 2 %

OVERALL MIGRATION TEST ON LIQUID WOOD CUTLERY

PARAMETRO E METODO DI PROVA	U.M.	VALORE	LIMITE
Rapporto superficie / volume REG (EU) n. 10/2011 GUUE L 12 15/01/2011	cm ² /cm ³	35 / 50	
Temperatura di contatto REG (EU) n. 10/2011 GUUE L 12 15/01/2011	°C	100	
Tempo di contatto REG (EU) n. 10/2011 GUUE L 12 15/01/2011	h	0,50	
Migr. globale: sim. Acqua distillata Reg (EU) n. 10/2011 GUUE L 12 15/01/2011 Reg (UE 2016/1416 24/08/2016 GUUE L 230/22 25/08/2016	mg/dm ²	5	10
Migr. globale: sim. B - Ac. Acetico 3 % Reg (EU) n. 10/2011 GUUE L 12 15/01/2011 esclusi stimolanti A-D2-E Reg (UE 2016/1416 24/08/2016 GUUE L 230/22 25/08/2016	mg/dm ²	< 1	10
Migr. globale: sim. D2 - Olio vegetale Reg (EU) n. 10/2011 GUUE L 12 15/01/2011 Reg (UE 2016/1416 24/08/2016 GUUE L 230/22 25/08/2016	mg/dm ²	7	10

Salvo differenti accordi o obblighi legali, se ciò è possibile, dopo l'analisi i campioni vengono conservati per almeno 20 giorni dall'emissione del rapporto di prova, quindi eliminati o restituiti al Cliente, mentre le relative registrazioni vengono conservate per almeno 5 anni. ARGO group S.c.ar.l. ha messo a disposizione del Cliente la procedura di campionamento PT 11 in ultima revisione. L'incertezza, ove richiesta, viene calcolata con livello di fiducia 95% e fattore di copertura K = 2.

Analysis of heavy metal :

barium , iron , copper , lithium , manganese , zinc , alluminium .

All the values from the test are in compliance with the limits values of EU regulation 10 / 2011 and D.M, 21 03 1973 and subsequent modifications .

Specic migration limit SML (T) / NIAS analysis

1,4 butanediol SML (T) = 5 mg/Kg

Tetrahydrofuran SML (T) = 0,6 mg / kg

All the values from the test are in compliance with the limits values of EU regulation 10 / 2011 and D.M, 21 03 1973 and subsequent modifications .

SPECIFIC MIGRATION NICHEL

Simulant B , acetic acid 3%

niche

inf. 0,01 PPM

USE OF THE FINISHED PRODUCT

The CUTLERY produced with raw material 4692 V are suitable for use with acid , alcoholic and non alcoholic beverages .

The straws have been tested for use until 70 degrees Celsius for 2 hours according to EU REG.10/2011

Temperature range of use : from -20 to + 50 degree Celsius

SUBSTANCES SUBMITTED TO LIMIT VALUE :

The straws made of 4692 V , doesn't contain the following substances :

heavy metal as lead , cadmium , mercury, chrome VI
cosmetic substances ref. Annex II e III of EC regulation 1223/2009
allergic substances ref. H 137
SVHC
Nanomaterials
Silicons

PACKAGING AND STORAGE

Packaging of the straws : from 15 to 30 degrees celsius

storage of the finished product : from -10 to 50 degrees celsius

WITH THIS DOCUMENT, WE, FERMANI CANNUCCE SRLU , DECLARE THAT THE PRODUCT “ BIO BASED DRINKING CUTLERY “ IS IN COMPLIANCE WITH :

REGULATION NO. 1935 / 2004

The product is in compliance with the rules of the Regulation (EC) No. 1935/2004 of the European Parliament and of the Council of 27 October 2004 on materials and articles intended to come into contact with food and repealing Directives 80/590/EEC and 89/109/EEC, Official Journal of the European Union L 338/4 of 13 November 2004, modified by app. No. 5.17 of the regulation (EC) No. 596/2009 of 18 June 2009, Official Journal of the European Union L 188 of 18 July 2009, article 3,

as well as to the

Foodstuffs, Consumer Goods and Animal Feed Code (Foodstuffs and Animal Feed Code-LFGB) in the version of the notification of 3 June 2013 (BGBl. P. 1426), last amended by article 1 section 20 of the law of 24 April 2019 (BGBl. I p. 498).

The product meets the demands of the Decree on Consumer Goods in the version of the communication of 23 December 1997 (BGBl. 1998 I p. 5), last amended by Article 2 of the Law of 15 February 2016 (BGBl. I p. 198).

The composition of the product complies with the requirements of the Commission Regulation (EU) No. 10/2011 of 14 January 2011 on plastic materials and articles intended to come into contact with food, Official Journal of the European Union L 12/1 of 15 January 2011, last amended by Commission Regulation (EU) 2019/37 of 10 January 2019, Official Journal of the European Union L 9/88 of 11 January 2019

USE OF NON INTENTIONAL ADDED SUBSTANCES :

With this compliance we confirm, none of the substances mentioned in the following list are intentionally added during the manufacturing process of our products:

Substances of Very High Concern (SVHC) (regarding to ECHA-list of 16 July 2019)

Substances listed in Annex II of the EU Regulation 1223/2009

Substances listed in California Proposition 65 (updated list from September 13, 2019)

CMR substances (categories 1, 1A, 1B and 2) as defined in EU Regulation 1272/2008

Halogenous Compounds (e.g. HFC, HBFC, CFC, HCFC, PFAS, etc.)

N-Nitrosamines (e.g. NDMA, NDPA, NDBA, etc.)

Secondary and tertiary amines (e.g. Triethanolamine, Cocamide, etc.)

Glycol Ethers (e.g. EGME, DEGME, EGEE, EGEEA, TEGDME, DEGDME, EGDME, 1PG2MEA, IPG2ME, DEGME, PGMEA, 2PGME, etc.)

Phthalates (e.g. DEHP, DBP, BBP, DMEP, DnPP, DiDP, DiNP, DiPP, DMP, DEP, DIBP, DPP, DMGP, DCHP, DnHP, etc.)

Bisphenol A (BPA), Bisphenol F (BPF), BFGDE and derivatives, BADGE and derivatives

Organostannic compounds (e.g. Tetramethyltin)

Hydrazine and derivatives (e.g. Azodicarbonamide)

Dimethylformamide

Polyoxymethylene (POM)

Choline containing polymers like PVC and PVDC

Cadmium-, arsenic-, chromium VI-, mercury- and selenium-based mineral pigments (e.g. used for the production of inks)

Lead- and antimony-based mineral pigments (e.g. used for the production of inks)

Organic colorants based on aromatic amines (e.g. azoic dyes)

Special additives, which promote the oxo-degradation of polymers

Other polymers based styrene or acrylic derivatives

Residual solvents (e.g. Toluene, Propylene acetate, Isopropylene acetate, Ethyl acetate, Methanol, 2-Butanon, I-Propanol, 2-Propanol, Acetone, 2 Isopropylthioxanthone, 1-Methoxy-2-propanol etc.)

Heavy metals like chromium, cadmium, mercury, Nickel, lead and their compounds

Silicones

Silver salts

Sunscreen filters: benzophenone, 2-hydroxy-4-methoxybenzophenone, 2-Ethylhexyl, 4-Methoxycinnamate

Nanomaterials based on titan dioxide, zinc oxide, carbon black and silica

DUAL USE ADDITIVES

We hereby confirm that in the material LW 4530 W there are not dual use additives

EU DIRECTIVE 94/62 EC

We hereby confirm we do not intentionally add any heavy metals like lead, cadmium, mercury and chromium VI or any heavy metals containing chemical substances in the production process of our compounds.

We also assume the suppliers of our raw materials and additives do not use or add any heavy metals in the production process of the products they delivered to us.

We therefore consider it highly possible, the concentration limits of heavy metals like lead, cadmium, mercury and chromium VI (as defined in Directive 94/62/EC) will not be exceeded in our products, making the compositions of our compounds compliant with EU Directive 94/62/EC.

REGULATION 1223/2009 OF THE EU PARLIAMENT

We hereby declare, we do not intentionally add any of the following substances in the production process of our compounds:

1. Substances, which are listed in Annex II of REGULATION (EC) 1223/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 30 November 2009 on cosmetic products (list of substances prohibited in cosmetic products);
2. Substances, which are, listed in Annex III of REGULATION (EC) 1223/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 30 November 2009 on cosmetic products (list of substances which cosmetic products must not contain except subject to the restrictions laid down).

We also assume the suppliers of our raw materials and additives do not use or add any of the relevant substances listed in Annex II and III of REGULATION (EC) 1223/2009 as mentioned above.

We therefore consider it highly possible, that any detection limits of the substances listed in Annex II and III of REGULATION (EC) 1223/2009 will not be exceeded in our products.

REGULATION EC 1272/2008

We hereby declare, we do not intentionally add any substances in the production process of our compounds which are classified to cause allergic skin reactions (so called „H317-substances“) and which are classified to correspond to the hazard categories for germ cell mutagens 1, 1A, 1B and 2 as defined and described in REGULATION (EC) 1272/2008.

IRRADIATION RISK

We hereby declare that in our production process concerning the drinking straws we don't use treatment based on radiation as gamma ray , x ray and other radiological substances . This declaration is based on our actual knowledge resepect our experiences and data provided from the supplier .

RADIOLOGICAL RISK

We hereby declare that our production plant , based on Servigliano , FM, Italy , isn't a significative radioactivity zone as mentioned from Arpa Marche .

EU REGULATION 1907/2006 (REACH)

We hereby confirm no substances listed in the tables of annex 14 and 17 of the EU regulation 1907/2006 (REACH regulation) are intentionally added as raw materials or additives during the manufacturing process of our compounds.

EU REGULATION 1895/2005

EU REGULATION 2023/2006

EUROPEAN DIRECTIVE 94/62/EC

EN 13432 : 2000

EN 14995: 2006

ITALIAN REGULATION :

D.M. 21 03 1973 E SUCCESSIVE MODIFICHE ED INTEGRAZIONI

DECRETO DEL PRESIDENTE DELLA REPUBBLICA 23 AGOSTO 1982, N 777

DECREDTO LEGISLATIVO 24 GENNAIO 1992 , N 108

CIRCOLARE DEL MINISTERO DELLA SALUTE 24 GENNAIO 2006



The logo features the name 'FERMANI' in a bold, sans-serif font, with 'CANNUCE' and 'SERVIGLIANO (FM)' in smaller text below it. A stylized signature, 'Valentino Tardelli', is written across the logo in a cursive script.