

Date of issue: March 2019

Technical Department

Nurel Proprietary Information. Not to be disclosed to Third Parties without written permission.

Product Trade Name: **INZEA F10**.

INZEA F10 is a thermoplastic materials registered by Vinçotte as compostable, within a maximum thickness according to EN 13432, and home composting certification (Conformity mark No. O 17-2339-B VINÇOTTE and NF T51-800). The renewable content according ASTM-D6866-12 or CEN/TS 16640:2014 is 40% and de biobased content 32%. For further information, please contact NUREL.

INZEA F10 is suitable for blown and cast film extrusion. It can be processed in conventional equipment for PE. Corona treatment is not required.

COMPLIANCE FOR CONTACT WITH FOODSTUFF

We hereby certify that **INZEA F10** manufactured by NUREL S.A., fully complies with EU regulations related to plastic materials intended to come into contact with:

- Whole fruit, fresh or chilled, unpeeled
- Foods that have a lipophilic character and are able to extract lipophilic substance and contain free fats at the surface. At temperatures up to 121°C. Tests have been made with 30 microns film, simulant D2 and OM5 conditions

EU Regulations: **Regulation (EC) 1935/2004** and **Commission Regulation (EU) 10/2011** of 14th January 2011 that replaced the **2002/72/EC** the 1st May 2011 and its amendments up to date of issue.

According to EU regulations, the Overall Migration Limits are below 10 mg/dm² of food contact surface and 60 mg/kg of food simulant and all raw materials and additives used to make it are included in the **Union List (Annex I, point 1)**.

The following substances have a specific migration limit (SML):

- 1,4-Butanediol (SML < 5 mg/Kg simulant)
- Terephthalic acid (SML < 7.5 mg /Kg simulant)
- Isocyanates (SML < 0.01 mg /Kg simulant)

Dual use substances: **INZEA F10** could contain the following substances that are approved to be used as food contact additives and as food additives:

E422: Glycerol. Ref No 55920

E420: Sorbitol. Ref No 24490

E553b: Talc. Ref No 92080

E279: Lactic acid. Ref No 62960

INZEA F10 can decompose if excessive thermal treatment is used while processing. Depending on the processing conditions tetrahydrofuran may be formed leading to a residual content in the final product. Thus the final manufacturer who introduces the article in the final market must check tetrahydrofuran SML.

Note that it is the obligation of the manufacturer of the final article to check and test the final article as stated in Commission Regulation (EU) 10/2011 as amended.

END ARTICLE COMPLIANCE STATEMENTS.

GOOD MANUFACTURING PRACTICES.

Regarding the inquiry from the customer concerning **Commission Regulation (EC) No 2023/2006** of 22th December on good manufacturing practice for materials and articles intended to come into contact with food, NUREL S.A. states the following:

As regards in Article 2 from Commission Regulation (EC) 2023/2006:

“Scope.

This Regulation shall apply to all sectors and to all stages of manufacture, processing and distribution of materials and articles, up to but excluding the production of starting substances.”

NUREL S.A. as a provider of starting substances for the manufacturing of food-contact plastic materials or articles and subsequently **INZEA® products** are not affected by the above mentioned Regulation.

Nevertheless, NUREL S.A. can inform the customer that our products do not include any printing inks in its formula and that **INZEA® F10** is manufactured following the highest quality techniques.

PACKAGING AND PACKAGING WASTE.

EU Directive 94/62/EC of 20th December on packaging and packaging waste and in the **Directive 67/548/EEC** of 27th June on the approximation of laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances.

Yes- the product fully complies with the requirements of the Directive.

Disclaimer: The data indicated above are the results of our investigations and correspond to the state-of-the-art. The data refer to the state of the laws at the date of issue. Since the conditions of commercial production are not under our control, whether express or implied, NUREL S.A., makes no warranties with respect to the information contained herein.