

Date 09-02-2022

Subject: Food grade statement

FOOD CONTACT STATEMENT

Relating to: **ALTUGLAS™ CN FOOD GRADE**

Dedicated references:

- 156.10000 (3mm to 25mm)
- 155.47005 (3mm to 6mm)
- 156.48100 (3mm to 6mm)
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- 131.16077 (3mm to 6mm) only valid if supply is without protective PE-film

The above-mentioned product only contains substances authorized:

BELGIUM

By the "arrêtés royaux belges": plastic materials intended for food contact (Arrêté Royal du 03.07.2005, MB 07.29.2005) and supplements.

FRANCE

By French regulation and complying to specifications in force (Secrétariat d'Etat à la Consommation, service de la répression des fraudes) for the manufacture of materials intended for food contact: JO n° 1227/2002.

GERMANY

By the Bundesgesetzblatt, Teil I, Anlage 3 (1992): "Monomere und sonstige Ausgangsstoffe, die für die Herstellung von Lebensmittelbedarfgegenständen aus Kunststoff zugelassen sind" (Bundesgesundheitsamt of Germany) and supplements.

► **Empfehlung XIV "KUNSTSTOFF-DISPERSIONEN".**

Bgb Nr.: 54, 2011 (Ausgabe 5, S. 666).

1-Methyl-4-(1-methylethylidene)-cyclohexene could be used as polymerisation regulator. However, the commodities which shall comply with this recommendation have to meet the following recommended migration limit: 0.05 mg/kg foodstuffs or food simulant.

► **Empfehlung XXII "ACRYL- UND METHACRYLSÄUREESTERPOLIMERISATE UND DEREN MISCHPOLYMERISATE SOWIE MISCHUNGEN MIT POLYMERISATEN".**

Bgb Nr.: 53, 2010 (Ausgabe 1, Seite 86).

The total residual content of the decomposition products coming from several peroxides described in this chapter and especially *Azodiisobutyric acid nitrile* used as catalyst for the manufacture of the plastic material, must not exceed 0.2% by weight in the plastic material.

ITALY

By the Italian ministerial decree dated March 21, 1973 (GU n° 104, April 20, 1973) and supplements: "packaging and materials intended for food contact", annex II - section I.

THE NETHERLANDS

By the Dutch Warenwet (Hoofdstuk I - Kunststoffen, VGB/Aanv. 22, 11-2006 and supplements).

- ▶ Restriction for **methacrylic acid, methyl ester** [PM/Ref.: 21130] listed in Section 2a: Specific Migration Limit (SML(T)): 6 mg/kg.
SML(T) in this specific case means that the restriction shall not be exceeded by the sum of the migration levels of the following substances mentioned as ref. Nos: 20020, 20080, 20110, 20140, 20170, 20890, 21010, 21100, 21130, 21190, 21280, 21340 and 21460.
- ▶ Restriction for 2-(2'-hydroxy-5'-methylphenyl)benzotriazole [PM/Ref: 61440], listed in section 2b: Specific Migration Limit (SML): 30 mg/kg.

SML(T) in this specific case means that the restriction shall not be exceeded by the sum of the migration levels of the following substances mentioned as Ref. Nos: 60400, 60480 and 61440.

- ▶ Restriction for **sulphosuccinic acid alkyl (C4-C20) or cyclohexyl diesters, salts** [PM/Ref.: 91530] listed in Section 2b: Specific Migration Limit (SML(T)): 5 mg/kg.

SPAIN

By the "Real decreto 866/2008" dated May 23, 2008 and supplements.

UNITED KINGDOM

By the United Kingdom regulation "Statutory Instruments" N° 2687 (2006) dated 09/10/2006.

EC

By the Regulation (EU) No. 10/2011 - Chapter II - Compositional requirements:

- ▶ Restriction for **methacrylic acid, methyl ester** [PM/Ref.: 21130]: Specific Migration Limit (SML(T)): 6 mg/kg.
SML(T) in this specific case means that the restriction shall not be exceeded by the sum of the migration levels of the following substances mentioned as ref. Nos: 20020, 20080, 20110, 20140, 20170, 20890, 21010, 21100, 21130, 21190, 21280, 21340 and 21460.
- ▶ Restriction for 2-(2'-hydroxy-5'-methylphenyl)benzotriazole [PM/Ref: 61440]: Specific Migration Limit (SML): 30 mg/kg.

SML(T) in this specific case means that the restriction shall not be exceeded by the sum of the migration levels of the following substances mentioned as ref. Nos: 60400, 60480 and 61440.

- ▶ Restriction for **sulphosuccinic acid alkyl (C4-C20) or cyclohexyl diesters, salts** [PM/Ref.: 91530]: Specific Migration Limit SML(T): 5 mg/kg.

By the Resolution of Council of Europe AP (92) 2 on Control of Aids to Polymerisation for Plastic Materials and Articles Intended to come into contact with foodstuffs.

- ▶ Restriction for **Nitriles compounds** listed in the table 2.1. The basic polymers should not contain the following in excess of the stated limit: 1 mg/kg (as CN in the organic moiety).

>> DUAL ADDITIVES

An additive is used as Aids to Polymerisation and listed as a flavouring substance (CoE Number: 2115 - FEMA Number: 3046) by the Commission Decision 1999-217 adopting a register of flavouring substances used in or on foodstuffs is intentionally introduced in the manufacturing process of the above-mentioned product. Therefore, provisions, as laid down in Article 11 of the Regulation No. 10/2011 do not apply to this product.

>> RESTRICTIONS OF USES

The specific migration of **methacrylic acid, methyl ester** has been measured according to the Directive 10/2011/EC at 40° C for 1 day and at 40° C for 10 days in repeated condition of use, in the following food simulants:

- Ethanol 20 %,
- Ethanol 50 % as simulant of dairy products,
- Olive oil.

On the basis of the results of this study, we would like to draw your attention to the fact that, due its chemical nature, **we do not recommend the use of this product for direct contact with dairy and alcoholic (above 20%) foodstuffs for which simulant D₁ (ethanol 50%)** are used according to the European Regulation (EC) No. 10/2011.

However, this product is suitable to be used in contact with aqueous, alcoholic (up to 20%) and oily or fatty foodstuffs for which food simulant A (ethanol 10%) or D2 are used according to the European Regulation (EC) No. 10/2011.

On the basis of the residual content of all other substances submitted to a Specific Migration Limit, and assuming 100% migration of these substances into food, from a 6 dm² surface material of 200 µm thick, we certify that these substances will not exceed the specific restrictions fixed by the Plastic Food Contact Regulation No. 10/2011/EC.

We remind you that it is the responsibility of the converter or food packer that brings the finished product on the market to check its compliance with Directive 10/2011/EC, laying down the basic rules necessary for migration testing of the constituents of plastic materials and article intended to come into contact with foodstuffs.

- This document is exclusively established for internal use of our customers or can be made available to competent Authorities on their request. It shall not be distributed or published, whatever the form, without a preliminary written authorization of TRINSEO.
- The original version of the regulations mentioned in this document should be consulted for more information.
- The above-mentioned information represents our knowledge at the publication date of this certificate. We remind you it is your responsibility to require an updated version of this document.
- Our responsibility cannot be extended:
 - . to any further modifications in the composition of the original product, concerned by this document, whatever the nature of the added substance may be, to any processing that may lead to a change of the nature of the material (if relevant for the product),
 - . to any checking of reciprocal compatibility of the material with the food in contact: respect of the taste and the odour of the food, respect of the migration limits or other restrictions.