Customer: Plastribution

Rozenburg, the Netherlands
June 2024

Confidential Information on DuClear®QU85A– Food Contact Regulations MERCOSUR, China, Japan

MERCOSUR
The monomers used to produce the above-mentioned polypropylene grades are listed on the positive list in Annex I, of MERCOSUR GMC RES. No. 2/12 - Positive list of monomers and polymers to be used in packaging in contact with food, and are not regulated with a restriction (i.e. LME or SML) in their use.
Above-mentioned polypropylene grades comply with MERCOSUR GMC RES. No. 39/19 - Positive list of additives to be used in packaging in contact with food. There are two ingredients used in the catalyst system of the above-mentioned polypropylene grades for which an SML is established:

Ingredient	MCA No.	Ref. No.	CAS Number	Restriction
9,9-bis(methoxymethyl)fluorene	779	39815	182121-12-6	LME = 0,05 mg/kg
Aluminium	-	-	-	LME = 1 mg/kg
2,5-Bis(5-tert-butyl-2-benzoxazolyl)thiophene	500	38560	7128-64-5	LME = 0,6 mg/kg

China
GB4806.6-2016 - National Food Safety Standard: Food Contact Resins
The base resin in above-mentioned polypropylene grade complies with the specifications mentioned in GB4806.6-2016 – National Food Safety Standard: Food Contact Resins, Appendix A, Table A.1, Resin No. 29 (CAS No. 9010-79-1). No monomer(s) with SML's are present in this base resin.

GB9685-2016 - National Food Safety Standard: Additives for use in Food Contact Materials and Articles
Above-mentioned polypropylene raw material is in compliance with the Chinese National Standard of Food Safety GB9685-2016, Appendix A: Table A1: "Food contact plastic materials and their products – allowable additives with their use requirements". No additives listed on Appendix A: Table A1, are used in amounts which exceed the applicable limits. One ingredient used to manufacture this grade is subject to a restriction, i.e. a specific migration limit (SML).

Ingredient	FCA No.	CAS Number	Restriction
2,5-Bis(5-tert-butyl-2-benzoxazolyl)thiophene	FCA0126	7128-64-5	SML = 0,6 mg/kg

Japan
(draft) Positive list published 24th December 2021
The monomers, base resin, and additives of above-mentioned polypropylene grade, meet the relevant requirements of the Positive List (PL) System for food-contact plastics laid down in Table 1(1) – Base Polymers (Plastics) and Table 2 – Additives, Coating Agents, Etc., respectively, under the Ministry of Health, Labour and Welfare (MHLW) Food Sanitation Act.

This information is based on the tables available on the website from the Ministry of Health, Labour and Welfare of Japan (MHLW) consulted on December 24th, 2021 (https://www.mhlw.go.jp/stf/newpage_05148.html).

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(new draft) Positive list published 6th March 2023
Above mentioned polypropylene grade is composed of Monomer(s) listed in the *New Draft Table 1 Base Materials*. Propylene (CAS# 115-07-1) as main essential monomer is listed under entry 2b-104.

Additives of above mentioned polypropylene grade are listed on the *New Draft Table 2 Additives* and concentrations are below the permitted level mentioned for Polymer Group 2.

This information is based on the tables available on the website from the Ministry of Health, Labour and Welfare of Japan (MHLW) consulted on March 6th, 2023 (https://www.mhlw.go.jp/stf/newpage_25201.html).

MHLW notice No 324/2023 – regarding Positive List System for Food Utensils and Containers and Packaging (from June 1, 2025)
Above mentioned polypropylene grade is listed on *Table 1 Base Materials* (Polymer composed of alkenes as main monomer) under Polymer Group 2. Propylene (CAS# 115-07-1) as main essential monomer is listed under substance code 13-101 (alkene).

Additives of above mentioned polypropylene grade are listed on the *Table 2 Additives* and concentrations are below the permitted level mentioned for Polymer Group 2.

This information is based on the tables available on the website from the Ministry of Health, Labour and Welfare of Japan (MHLW) consulted on December 27th, 2023 (https://www.mhlw.go.jp/stf/newpage_36419.html)

The information provided in this document applies to the product mentioned above as it leaves the production facility of Ducor Petrochemicals B.V., and does not cover any additive, pigment, or any other third party material, subsequently included by the convertor. Ducor Petrochemicals B.V. has no control over final product composition, nor over processing conditions. It is therefore the responsibility of the convertor to check and confirm that the final article meets both the technical and regulatory requirements of the application.

On behalf of Ducor Petrochemicals B.V.,

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