

Envalior B.V.

Urmonderbaan 22, 6167 RD
Geleen, The Netherlands

pdm@envalior.com

Envalior
Imagine the Future

RDS

for the product

Akulon[®] F223–D

Envalior

Seller represents and warrants exclusively that on the date of delivery by Seller the product shall be in conformity with the specifications agreed upon. Seller makes no other representations or warranties, whether express or implied.

Seller is not responsible or liable for the design of the products of the Customer and it is the responsibility of the Customer to determine that the Seller's product is safe, complies with application laws and regulations, and is technically or otherwise fit for its intended use. Seller does not endorse or claim suitability of its products for a specific application and disclaims each and every representation or warranty, whether express or implied, in that respect.

Typical values are indicative only and are not to be construed as being binding specifications. Colorants in the product or other additives may cause significant variations in typical values.

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To: Resinex

Date: 2025-11-26

Dear Resinex,

At Envalior we receive a significant amount of questionnaires, surveys and Regulatory Affairs forms regarding our products, addressing essentially the same issues but all in their own specific formats with specific lists and questions. Since it is such a large amount, we are unfortunately unable to individually complete each customer's specific form. In order to respond to the requests in a timely and efficient manner, we have established standardized responses and declarations to facilitate the exchange of regulatory, quality and sustainability information. Find below a list of available documents, compiled in a Regulatory Data Sheet (RDS) for **Akulon® F223-D**.

Food Contact Status Europe Akulon®	NA99001	2025-09-17
Food Contact Status USA Akulon®	NA99001	2023-11-21
SVHC, REACH Annex XIV and -XVII Statement		2025-11-06
RoHS Statement (2011/65/EC: Heavy metals)		2024-02-01
Packaging, Packaging Waste (EU) 2025/40 and CONEG declaration		2025-06-24
Absence Declaration Phthalates (2005/84/EC: DEHP, DBP, BBP, DINP, DIDP, DNOP)		2023-11-16
Absence Declaration PAH (Polycyclic Aromatic Hydrocarbons)		2025-04-14
Absence Declaration POPs (Persistent Organic Pollutants)		2025-10-21
Absence Declaration Food Allergens		2023-11-16
Absence Declaration Ozone Depleting Chemicals and F-gases		2025-02-06
Absence Declaration Biocidal Products		2025-11-21
REACH STATEMENT TURKEY		2023-11-16
Absence Declaration PFAS/PFOS/PFOA/PFHxS/PFCAs		2025-01-31
Food Contact Status MERCOSUR Akulon®	NA99001	2025-06-24
Food Contact Status Japan	NA99001	2025-06-10
Micro Plastics Statement		2025-09-22

If you have any questions, please contact your DSM account manager.
Hoping to have been of service to you, sincerely yours,



Ron Jenz
Sr. Expert Global Regulatory Affairs
Envalior B.V.

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FOOD CONTACT EU DECLARATION

Akulon® F223-D – NA99001

The composition of the above-mentioned grade, as produced in the European Union, meets the relevant requirements laid down in Regulation (EC) No 1935/2004, Commission Regulation (EC) No 2023/2006 and Commission Regulation (EU) No 10/2011 (as amended up to and including Commission Regulation (EU) 2025/351).

This intermediate material contains Caprolactam having a total Specific Migration Limit (SML(T)) of 15 mg/kg food (expressed as Caprolactam).

In the manufacturing of this intermediate material no adjuvant(s) listed in Annex I of Commission Regulation (EU) No 10/2011 (as amended) are used that are subject to restrictions in the food, the material and/or the final article.

According to the recipe to produce this intermediate material, substances for which genotoxicity has not been ruled out are not intentionally used or added. Since the presence of these substances could not be expected under normal conditions, their absence has not been checked by tests.

Substances authorized as direct food additives ("dual-use additives") are either not used in the manufacturing of this intermediate material, or are present in quantities that in case of their migration do not substantially contribute to exceeding the limits as set in the applicable food legislation.

Non-Intentionally Added Substances (NIAS) have been risk assessed in accordance with Article 19 of Regulation (EU) No 10/2011 (as amended).

It is the responsibility of the legal entity responsible for placing the finished article on the market to ensure that the usage of such article is safe, lawful, and technically suitable.

This declaration is restricted to the above-mentioned product(s) as it(these) leave(s) Envalior's production facilities. This declaration has been prepared and issued on the basis of currently applicable laws and regulations and our best knowledge and expertise currently available; the addressee or recipient is advised to regularly request updates hereof. This declaration replaces all previous ones relating to this subject.

The General Conditions of Sale of the entity selling this product apply to and are part of all our quotations, offers, agreements, sales, deliveries and all other similar dealings, unless explicitly agreed otherwise by means of a duly and mutually executed document.

On behalf of Envalior,



W. Saelmans
Senior Expert
Regulatory Affairs & Product Safety



R. Jenz
Senior Expert
Global Regulatory Affairs

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FOOD CONTACT USA DECLARATION

Akulon® F223-D – NA99001

According to the recipe used for the manufacturing of the above mentioned grade, this resin may be safely used to produce articles intended for use in processing, handling, and packaging food in accordance with 21 CFR 177.1500 (Nylon resins).

The base polymer used in the above mentioned grade complies with the specifications for Nylon 6 resins listed in subsection 177.1500 (b) 6.1.

The adjuvants are cleared according to Part 178 (Indirect food additives), or are generally recognized as safe (GRAS), are prior-sanctioned food ingredients or are exempted.

It is the responsibility of the legal entity responsible for placing the finished article on the market to ensure that the usage of such article is safe, lawful, and technically suitable.

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SVHC, REACH Annex XIV and –XVII statement

Akulon® F223–D

The above-mentioned product complies with Commission Regulation (EC) No 1907/2006 (REACH) to the extent that:

- Substances of Very High Concern (SVHCs) listed on the Candidate List for Authorization (see Annex I), as well as substances included in Annex XIV of REACH (Authorization List), are not intentionally added nor present in concentrations exceeding the reporting threshold of 0.1% w/w.
- Substances listed in Annex XVII of REACH (Restriction List) are disclosed in Section 15 of the applicable EU/EEA SDS if present in concentrations exceeding the imposed legal threshold. Please note that restrictions under Annex XVII are typically linked to specific uses. These use-specific restrictions may not be reflected in Section 15. The recipient is responsible for assessing the relevance of any listed restrictions in relation to their intended use of the product.

It is the responsibility of the legal entity responsible for placing the finished article on the market to ensure that the usage of such article is safe, lawful, and technically suitable.

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Annex 1:

Links to the SVHC Candidate—, Annex XIV— and XVII—lists, updated and evaluated until the most recent version prior to the Revision date of this document:

SVHC Candidate list:

<https://echa.europa.eu/web/guest/candidate-list-table>

Annex XIV Authorization List:

<https://echa.europa.eu/authorisation-list>

Annex XVII Restriction List:

<https://echa.europa.eu/substances-restricted-under-reach>

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Reference: R000011530

RoHS DECLARATION

(Directive 2011/65/EU (Annex II amended by Commission Delegated Directive (EU) 2015/863))

According to the recipe for the manufacturing of **Akulon[®]**, **Arnite[®]**, **Arnitel[®]**, **Durethan[®]**, **EcoPaXX[®]**, **ForTii[®]**, **Novamid[®]**, **Nylatron[™]**, **Pocan[®]**, **Stanyl[®]** and **Xytron[™]** grades (all colors), the following substances are not intentionally used or added:

- The heavy metals cadmium, lead, chromium (VI) and mercury;
- Polybrominated biphenyls (PBB);
- Polybrominated diphenyl ethers (PBDE) including Decabromodiphenyl ether (decaBDE);
- Bis(2-ethylhexyl) phthalate (DEHP);
- Butyl benzyl phthalate (BBP);
- Dibutyl phthalate (DBP);
- Diisobutyl phthalate (DIBP).

Since the presence of the above-mentioned substances couldn't be expected under normal conditions, the absence has not been checked by tests.

Although the above-mentioned substances are not intentionally added, this does not exclude the presence of traces due to (among others) impurities in the components supplied by third parties and used in our production facilities.

However, it is our opinion that the chemical composition of the above mentioned products fully complies with the requirements for the above-mentioned substances according to Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU of the European Parliament and of the Council as regards the list of restricted substances.

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On behalf of Envalior,



W. Saelmans
Senior Expert
Regulatory Affairs & Product Safety



R. Jensz
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Global Regulatory Affairs

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Reference: R000030747

Revision date: 2025-06-24

ABSENCE DECLARATION

With respect to "heavy metals" (Cadmium, Mercury, Lead or hexavalent Chromium) the chemical composition of **Akulon® F223-D** complies with:

- Regulation (EU) 2025/40 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 19 December 2024 on Packaging and Packaging Waste, amending earlier acts, i.e. Regulation (EU) 2019/1020 and Directive (EU) 2019/904, and repealing Directive 94/62/EC;
- The requirements of the Coalition of North-Eastern Governors (CONEG, USA).

This declaration has been prepared and issued on the basis of currently applicable laws and regulations and our best knowledge and expertise currently available; the addressee or recipient is advised to regularly request updates hereof. This declaration replaces all previous ones relating to this subject.

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This information holds for the material as it leaves its production facilities and does not include any additive, pigment, etc. subsequently added by the converter or processing steps undertaken by any other third party.

On behalf of Envalior,



W. Saelmans
Senior Expert
Regulatory Affairs & Product Safety



R. Jensz
Senior Expert
Global Regulatory Affairs

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Reference: R000011181

Revision date: 2023-11-16

ABSENCE DECLARATION

According to the recipe for the production of **Akulon®**, **Arnite®**, **Arnitel®**, **Durethan®**, **EcoPaXX®**, **ForTii®**, **Novamid®**, **Nylatron™**, **Pocan®**, **Stanyl®** and **Xytron™** grades (all colors), the following substances are not intentionally used or added:

- bis (2-ethylhexyl) phthalate (DEHP), dibutyl phthalate (DBP), benzyl butyl phthalate (BBP), di-“isononyl” phthalate (DINP), di-“isodecyl” phthalate (DIDP), di-n-octyl phthalate (DNOP) and Diisobutyl phthalate (DIBP).

Since the presence of the above-mentioned substances couldn't be expected under normal conditions, the absence has not been checked by tests.

Although the above-mentioned substances are not intentionally added, this does not exclude the presence of traces due to (among others) impurities in the components supplied by third parties and used in our production facilities.

However, it is our opinion that the chemical composition of the above mentioned products fully complies with the requirements for Phthalates laid down in Annex XIV and Annex XVII of Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) (as amended up to COMMISSION REGULATION (EU) 2021/2045 of 23 November 2021).

It is the responsibility of the legal entity responsible for placing the finished article on the market to ensure that the usage of such article is safe, lawful, and technically suitable.

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Reference: R000005283

Revision date: 2025-04-14

ABSENCE DECLARATION

According to the recipe for the production of **Akulon[®]**, **Arnite[®]**, **Arnitel[®]**, **Durethan[®]**, **EcoPaXX[®]**, **Novamid[®]**, **Stanyl[®]**, **ForTii[®]**, **Pocan[®]** and **XytronTM** grades (all colors), the following substances are not intentionally used or added:

- Polycyclic Aromatic Hydrocarbons (PAH) as mentioned in COMMISSION REGULATION (EU) No 1272/2013¹.

Since the presence of the above-mentioned substances couldn't be expected under normal conditions, the absence has not been checked by tests.

Although the above-mentioned substances are not intentionally added, this does not exclude the presence of traces due to (among others) impurities in the components supplied by third parties and used in our production facilities.

It is the responsibility of the legal entity responsible for placing the finished article on the market to ensure that the usage of such article is safe, lawful, and technically suitable.

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¹[COMMISSION REGULATION \(EU\) No 1272/2013](#) of 6 December 2013 amending Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards polycyclic aromatic hydrocarbons.

ABSENCE DECLARATION PERSISTENT ORGANIC POLLUTANTS

According to the recipe for the manufacturing of **Akulon**®, **Arnite**®, **Arnitel**®, **Durethan**®, **EcoPaXX**®, **ForTii**®, **Novamid**®, **Nylatron**®, **Pocan**®, **Stanyl**® and **Xytron**™ grades (all colors), the following substances are not intentionally used or added:

- Persistent organic pollutants (POPs) as mentioned in Regulation (EC) No 2019/1021¹, latest legal update 2025-10-08
- Persistent organic pollutants (POPs) listed in the Stockholm Convention (Annex A and Annex B)²;
- People's Republic of China the Priority Control List of New Pollutants (2023 version)³.

Since the presence of the above-mentioned substances couldn't be expected under normal conditions, the absence has not been checked by tests.

Although the above-mentioned substances are not intentionally added, this does not exclude the presence of traces due to (among others) impurities in the components supplied by third parties and used in our production facilities.

This information holds for the material as it leaves its production facilities and does not include any additive, pigment, etc. subsequently added by the converter or processing steps undertaken by any other third party.

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¹[Regulation \(EC\) No 2019/1021 \(as amended\)](#) and [List of substances subject to POPs Regulation](#)

²[Stockholm Convention](#)

³[People's Republic of China the Priority Control List of New Pollutants \(2023 version\)](#)

ABSENCE DECLARATION FOOD ALLERGENS

According to the recipe for the manufacturing of **Akulon®**, **Arnite®**, **Arnitel®**, **EcoPaXX®**, **ForTii®**, **Novamid®**, **Nylatron™**, **Stanyi®**, and **Xytron™ (all colors)**, the following substance is not intentionally used or added:

- Food related allergens as described in the FDA Food Allergen Labelling & Consumer Protection ACT of 2004 (Public Law 108-282, Title II) and in the Food Allergy Safety Treatment Education and Research (FASTER) Act passed April 23, 2021 (effective on January 1, 2023);
- Substances or products causing allergies or intolerances as mentioned in the annex II of REGULATION (EU) No 1169/2011;
- Priority allergens as mentioned by the Health Canada and the Canadian Food Inspection Agency (CFIA).

Since the presence of the above mentioned substances could not be expected under normal conditions, their absence has not been checked by tests.

Although the above mentioned substances are not intentionally added, this does not exclude the presence of traces due to (among others) impurities in the components supplied by third parties and used in our production facilities.

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ABSENCE DECLARATION OZONE DEPLETING CHEMICALS AND F-GASSES

According to their composition, **Akulon®**, **Arnite®**, **Arnitel®**, **Durethan®**, **EcoPaXX®**, **ForTii®**, **Novamid®**, **Nylatron™**, **Pocan®**, **Stanyl®**, and **Xytron™ (all colors)** do not intentionally contain the following substances:

- Ozone-depleting chemicals, within the meaning of Title VI of the U.S. Clean Air Act, and U.S. EPA regulation 40 CFR Part 82: "Protection of Stratospheric Ozone", and which coincide with "ozone-depleting chemicals" currently restricted under terms of the international Montreal Protocol,
- Ozone depleting substances according to REGULATION (EU) 2024/590 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 7 February 2024 on substances that deplete the ozone layer, and repealing Regulation (EC) No 1005/2009,
- Fluorinated greenhouse gasses as mentioned in REGULATION (EU) 2024/573 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 7 February 2024 on fluorinated greenhouse gases, amending Directive (EU) 2019/1937 and repealing Regulation (EU) No 517/2014.

Since the presence of the above mentioned substances could not be expected under normal conditions, their absence has not been checked by tests.

Although the above mentioned substances are not intentionally added, this does not exclude the presence of traces due to (among others) impurities in the components supplied by third parties and used in our production facilities.

It is the responsibility of the legal entity responsible for placing the finished article on the market to ensure that the usage of such article is safe, lawful, and technically suitable.

This declaration is restricted to the above-mentioned product(s) as it(these) leave(s) Envalior's production facilities. This declaration has been prepared and issued on the basis of currently applicable laws and regulations and our best knowledge and expertise currently available; the addressee or recipient is advised to regularly request updates hereof. This declaration replaces all previous ones relating to this subject.

The General Conditions of Sale of the entity selling this product apply to and are part of all our quotations, offers, agreements, sales, deliveries and all other similar dealings, unless explicitly agreed otherwise by means of a duly and mutually executed document.

On behalf of Envalior,



W. Saelmans
Senior Expert
Regulatory Affairs & Product Safety



R. Jenz
Senior Expert
Global Regulatory Affairs

Seller represents and warrants exclusively that on the date of delivery by Seller the product shall be in conformity with the specifications agreed upon. Seller makes no other representations or warranties, whether express or implied.

Seller is not responsible or liable for the design of the products of the Customer and it is the responsibility of the Customer to determine that the Seller's product is safe, complies with application laws and regulations, and is technically or otherwise fit for its intended use. Seller does not endorse or claim suitability of its products for a specific application and disclaims each and every representation or warranty, whether express or implied, in that respect.

Typical values are indicative only and are not to be construed as being binding specifications. Colorants in the product or other additives may cause significant variations in typical values.

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Envalior B.V.

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Envalior
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BIOCIDAL PRODUCT DECLARATION

The "Products" **Akulon**®, **Arnite**®, **Arnitel**®, **Durethan**®, **EcoPaXX**®, **ForTii**®, **Novamid**®, **Nylatron**™, **Pocan**®, **Stanyl**®, and **Xytron**™ (all colors), are not biocidal products nor do they contain intentionally used or added biocidal active substances¹ intended as biocide as mentioned in Regulation (EU) No 528/2012 of the European Parliament and The Council of 22 May 2012 concerning the making available and use of biocidal products (as amended up to Commission Delegated Regulation (EU) 2021/807 of 10 March 2021).

Since the presence of the above mentioned substances could not be expected under normal conditions, their absence has not been checked by tests.

Although the above mentioned substances are not intentionally added, this does not exclude the presence of traces due to (among others) impurities in the components supplied by third parties and used in our production facilities.

This declaration has been prepared and issued on the basis of currently applicable laws and regulations and our best knowledge and expertise currently available; the addressee or recipient is advised to regularly request updates hereof. This declaration replaces all previous ones relating to this subject.

The General Conditions of Sale of the entity selling this product apply to and are part of all our quotations, offers, agreements, sales, deliveries and all other similar dealings, unless explicitly agreed otherwise by means of a duly and mutually executed document.

This information holds for the material as it leaves its production facilities and does not include any additive, pigment, etc. subsequently added by the converter or processing steps undertaken by any other third party.

On behalf of Envalior,



W. Saelmans
Senior Expert
Regulatory Affairs & Product Safety



R. Jensz
Senior Expert
Global Regulatory Affairs

¹ ECHA list of active substances and suppliers publish under Article 95(1) of the Biocidal Products Regulation (BPR), updated 2025-06-23.

Turkey REACH statement

The Turkish Ministry of Environment and Urbanisation (MoEU) has published its chemical control legislation KKDIK, also known as Turkey-REACH, in the Official Gazette No. 30105 of 23 June 2017. KKDIK has become effective from 23 December 2017. After 31 December 2023, substances either on their own, in mixtures or in articles imported or manufactured in Turkey in quantities equal to, or above, 1 metric ton per year, cannot be manufactured or placed on the Turkish market if they are not registered in accordance with the relevant provisions of KKDIK.

Envalior B.V., established at Urmonderbaan 22, 6167 RD Geleen, the Netherlands, is committed to comply with the requirements of the Turkish KKDIK regulation, for all products supplied to Turkey by Envalior. Therefore, Envalior has appointed the Turkish consultant CRAD as their Only Representative. CRAD has pre-registered all substances which are imported in the products into Turkey by Envalior before 31st December 2020.

Should you consider importing Envalior products as such or as part of your own products into Turkey directly, this declaration does not cover such imports. It is the responsibility of the importer, resident in the country of import, to comply with all applicable rules or orders under the relevant notification requirements of that country.

It is the responsibility of the legal entity responsible for placing the finished article on the market to ensure that the usage of such article is safe, lawful, and technically suitable.

This declaration is restricted to the above-mentioned product(s) as it(these) leave(s) Envalior's production facilities. This declaration has been prepared and issued on the basis of currently applicable laws and regulations and our best knowledge and expertise currently available; the addressee or recipient is advised to regularly request updates hereof. This declaration replaces all previous ones relating to this subject.

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On behalf of Envalior,



W. Saelmans
Senior Expert
Regulatory Affairs & Product Safety



R. Jensz
Senior Expert
Global Regulatory Affairs

Seller represents and warrants exclusively that on the date of delivery by Seller the product shall be in conformity with the specifications agreed upon. Seller makes no other representations or warranties, whether express or implied.

Seller is not responsible or liable for the design of the products of the Customer and it is the responsibility of the Customer to determine that the Seller's product is safe, complies with application laws and regulations, and is technically or otherwise fit for its intended use. Seller does not endorse or claim suitability of its products for a specific application and disclaims each and every representation or warranty, whether express or implied, in that respect.

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ABSENCE DECLARATION

Akulon® F223-D (natural and black)

According to the recipe for the production of above-mentioned product, the following substances¹ are not intentionally used or added:

- Perfluorooctane sulfonic acid and its derivatives (PFOS)
- Perfluorooctanoic acid (PFOA), its salts and PFOA-related substances
- Perfluorohexane sulfonic acid (PFHxS), its salts and PFHxS-related compounds
- Perfluorocarboxylic acids C₉ – C₁₄ PFCAs
- PFAS, as defined in the draft restriction under EU-REACH, as: Any substance that contains at least one fully fluorinated methyl (CF₃-) or methylene (-CF₂-) carbon atom (without any H/Cl/Br/I attached to it)
- PFAS, subject to Section 8(a)(7) of the Toxic Substances Control Act (TSCA)

Based on tests and statements, it can be concluded that the above-mentioned Product complies to the restrictions laid down in ANNEX XVII of REACH and in the EU POP regulation No 2019/1021 up to amendment COMMISSION DELEGATED REGULATION (EU) 2023/1608.

The PFAS measures to come in USA will be followed, as laid down in the PFAS Strategic Roadmap, that will start with reporting obligations in the year 2026.

It is the responsibility of the legal entity responsible for placing the finished article on the market to ensure that the usage of such article is safe, lawful, and technically suitable.

This declaration is restricted to the above-mentioned product(s) as it(these) leave(s) Envalior's production facilities. This declaration has been prepared and issued on the basis of currently applicable laws and regulations and our best knowledge and expertise currently available; the addressee or recipient is advised to regularly request updates hereof. This declaration replaces all previous ones relating to this subject.

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On behalf of Envalior,



W. Saelmans
Senior Expert
Regulatory Affairs & Product Safety



R. Jenz
Senior Expert
Global Regulatory Affairs

¹[All Webinars – ECHA \(europa.eu\)](https://european-council.europa.eu/media/en/press-communications/infographic/Pages/infographic-2023-01-17-01.aspx)

FOOD CONTACT MERCOSUR DECLARATION

Akulon® F223-D – NA99001

According to the recipe of the above-mentioned grade, the monomers and additives used in the production of the above-mentioned grade are listed in: Mercosur GMC Res. 28/24, amending GMC Res. 02/12 (Technical Regulation on the positive list of monomers, other starting substances and polymers authorized for the manufacturing of plastic packaging and equipment in contact with food), and, Mercosur GMC Res. 22/24, amending GMC Res. 39/19 (Technical Regulation on Positive list of additives for Plastic Food Contact Materials), respectively.

The above-mentioned grade might contain caprolactam having a total Specific Migration Limit (SML(T)) of 15 mg/kg food (expressed as caprolactam).

Above-mentioned grade is produced under Good Manufacturing Practice (reference: GMC Res. 03/92).

It is the responsibility of the legal entity responsible for placing the finished article on the market to ensure that the usage of such article is safe, lawful, and technically suitable.

This declaration is restricted to the above-mentioned product(s) as it(these) leave(s) Envalior's production facilities. This declaration has been prepared and issued on the basis of currently applicable laws and regulations and our best knowledge and expertise currently available; the addressee or recipient is advised to regularly request updates hereof. This declaration replaces all previous ones relating to this subject.

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On behalf of Envalior,



W. Saelmans
Senior Expert
Regulatory Affairs & Product Safety



R. Jenz
Senior Expert
Global Regulatory Affairs

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JAPAN POSITIVE LIST STATEMENT

Akulon® F223-D - NA99001

The above-mentioned grade may be utilized as an intermediate material which enables the manufacturing of final articles that adhere to the relevant parts of the Food Sanitation Act (Law No. 233 of 1947).

上記グレードは、食品衛生法(昭和22年法律第233号)の関連規定に適合する最終製品の製造を可能とする中間材料として利用することができます。

The base polymer(s)¹ and additive(s) used in the manufacturing of the above-mentioned product are included in the Japanese Positive List (PL) for food contact synthetic resin materials² or are exempted. The concentration(s) of the additive(s) used in the manufacturing of the above-mentioned grade meet(s) any imposed use limitation(s) mentioned in table 2_additive list. Please note that with the revised Positive List in 2024, whereby clearance of the base polymer(s) is based on the monomer(s), (pre-defined) restrictions on food types and temperatures have been eliminated.

上記製品の製造に使用されている基材¹および添加剤は、日本の合成樹脂のポジティブリスト²に収載されているか、または対象外です。当該製品に使用されている添加剤の濃度は第2表(添加剤)に記載された使用制限に適合しています。なお、2024年改正のポジティブリストにより、基材の認証はモノマーに基づいて行われるため食品の種類と温度に関する(前に定義された)制限は撤廃されています。

It is the responsibility of the legal entity responsible for placing the finished article on the market to ensure that the usage of such article is safe, lawful, and technically suitable.

製品の使用が安全で合法的、かつ技術的に適切であることを保証するのは、最終製品の上市に責任を負う企業の責任です。

This declaration is restricted to the above-mentioned product(s) as it(these) leave(s) Envalior's production facilities. This declaration has been prepared and issued on the basis of currently applicable laws and regulations and our best knowledge and expertise currently available; the addressee or recipient is advised to regularly request updates hereof. This declaration replaces all previous ones relating to this subject.

本証明書はエンバリオの製造施設から出荷される上記グレードにのみ適用されます。本証明書は現在適用される法律や規制を基に弊社の最善の知識と経験を用いて作成しておりますが、本書をお受け取りになる方には最新の規制について都度確認されることをお勧めします。同じ件について過去に発行された文書が有る場合には本証明書を持ってそれらを更新するものとします。

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別に合意の基に発行された契約書が有る場合を除き、本製品を販売する企業体発行の基本取引契約書に記載の見積、提案、合意、販売、納入その他の全ての項目が適用されます。

¹ Polymer mainly composed of amide link (including polymer composed of aziridine or 2-ethyl-2-oxazoline as the main monomer), classified as class 3 group polymer.

基材は「アミド結合を主とする重合体(アジリジン又は2-エチル-2-オキサゾリンを主なモノマーとする重合体を含む。)」を主成分とし、材質区分3に属する。

² Positive Lists for Packaging of utensils and containers, as referred to in Notice No. 370 of Ministry of Health and Welfare Notice of 1959 (Revised on July 4, 2025.)

厚生省告示第370号(昭和34年)に規定する器具・容器包装のポジティブリスト(令和7年7月4日改正)

This document has been drawn up in the English language. In the event of any discrepancy between the English text version of this document and any translation thereof, the English text version shall prevail.

この文書は英語で作成されています。この文書の英文版とその翻訳との間に不一致がある場合には、英文版が優先されるものとします。

On behalf of Envalior,
エンバリオを代表して



W. Saelmans
Senior Expert
Regulatory Affairs & Product Safety



R. Offermanns
Senior Expert
Regulatory Affairs & Product Safety

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STATEMENT ON THE EU REACH RESTRICTION OF SYNTHETIC POLYMER MICROPARTICLES

The products **Akulon®**, **Arnite®**, **Arnitel®**, **Durethan®**, **EcoPaXX®**, **ForTii®**, **Novamid®**, **Pocan®**, **Stanyl®** and **Xytron™ (all colors)** are supplied as intermediate granular materials for manufacturing articles at industrial sites. Under the definition of synthetic polymer microparticles, in EU REACH Regulation (EU) 2023/2055¹, all granular polymer materials are classified as synthetic polymer microparticles (microplastics) and thus fall under entry 78 of Annex XVII to Regulation (EC) No 1907/2006.

However, the restriction does not apply to synthetic polymer microparticles placed on the market as substances or in mixtures when the following conditions are met:

- Exclusively for use at industrial sites (Article 4(a)).
- Contained by technical means to prevent environmental release during intended use (Article 5).
- Physically modified during intended use so that the polymer no longer falls within the scope of this entry (Article 5).
- Permanently incorporated into a solid matrix during intended use (Article 5).

Envalior is managing compliance with the above-mentioned restriction by supplying relevant information and acting on our manufacturing sites to avoid losses of materials and subsequent release to the environment.

The synthetic polymer microparticles supplied are subject to conditions laid down by entry 78 of Annex XVII to Regulation (EC) No 1907/2006. As a downstream user, you are advised to review your obligations under EU REACH Regulation (EU) 2023/2055, including but not limited to, providing the necessary information to authorities and maintaining good housekeeping practices to prevent material losses due to accidental spills.

¹ Commission Regulation (EU) 2023/2055 of 25 September 2023 amending Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards synthetic polymer microparticles

2/2

It is the responsibility of the legal entity responsible for placing the finished article on the market to ensure that the usage of such article is safe, lawful, and technically suitable.

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On behalf of Envalior,



W. Saelmans
Senior Expert
Regulatory Affairs & Product Safety



R. Jenz
Senior Expert
Global Regulatory Affairs

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Envalior
Imagine the Future

end of RDS for Akulon[®] F223–D

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Reference: R000012328

To: Complianceletter [complianceletter@resinex.com] – Resinex

Revision date: 2026-03-10

Print date: 2026-06-05

ABSENCE DECLARATION PERSISTENT ORGANIC POLLUTANTS

According to the recipe for the manufacturing of **Akulon®**, **Arnite®**, **Arnitel®**, **Durethan®**, **EcoPaXX®**, **ForTii®**, **Novamid®**, **Nylatron®**, **Pocan®**, **Stanyl®** and **Xytron™** grades (all colors), the following substances are not intentionally used or added:

- Persistent organic pollutants (POPs) as mentioned in Regulation (EC) No 2019/1021¹, latest legal update 2025-12-19
- Persistent organic pollutants (POPs) listed in the Stockholm Convention (Annex A and Annex B)²;
- People's Republic of China the Priority Control List of New Pollutants (2023 version)³.

Since the presence of the above-mentioned substances couldn't be expected under normal conditions, the absence has not been checked by tests.

Although the above-mentioned substances are not intentionally added, this does not exclude the presence of traces due to (among others) impurities in the components supplied by third parties and used in our production facilities.

This information holds for the material as it leaves its production facilities and does not include any additive, pigment, etc. subsequently added by the converter or processing steps undertaken by any other third party.

This declaration has been prepared and issued on the basis of currently applicable laws and regulations and our best knowledge and expertise currently available; the addressee or recipient is advised to regularly request updates hereof. This declaration replaces all previous ones relating to this subject.

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On behalf of Envalior,



W. Saelmans
Senior Expert
Regulatory Affairs & Product Safety



R. Jenz
Senior Expert
Global Regulatory Affairs

¹[Regulation \(EC\) No 2019/1021 \(as amended\)](#) and [List of substances subject to POPs Regulation](#)

²[Stockholm Convention](#)

³[People's Republic of China the Priority Control List of New Pollutants \(2023 version\)](#)

1/2

Reference: R000031134

To: Complianceletter [complianceletter@resinex.com] – Resinex

Revision date: 2026-02-05

Print date: 2026-02-24

SVHC, REACH Annex XIV and –XVII statement

Durethan® BKV30 DUS800
(Akulon® K224–G6)

The above–mentioned product complies with Commission Regulation (EC) No 1907/2006 (REACH) to the extent that:

- Substances of Very High Concern (SVHCs) listed on the Candidate List for Authorization (see Annex I), as well as substances included in Annex XIV of REACH (Authorization List), are not intentionally added nor present in concentrations exceeding the reporting threshold of 0.1% w/w.
- Substances listed in Annex XVII of REACH (Restriction List) are disclosed in Section 15 of the applicable EU/EEA SDS if present in concentrations exceeding the imposed legal threshold. Please note that restrictions under Annex XVII are typically linked to specific uses. These use–specific restrictions may not be reflected in Section 15. The recipient is responsible for assessing the relevance of any listed restrictions in relation to their intended use of the product.

It is the responsibility of the legal entity responsible for placing the finished article on the market to ensure that the usage of such article is safe, lawful, and technically suitable.

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On behalf of Envalior,



W. Saelmans
Senior Expert
Regulatory Affairs & Product Safety



R. Jenz
Senior Expert
Global Regulatory Affairs

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Annex 1:

This statement is based on Regulation (EC) No 1907/2006 of the European Parliament and of the Council (REACH), including the Candidate List of Substances of Very High Concern pursuant to Article 59, Annex XIV (Authorisation List), and Annex XVII (Restriction List).

This statement reflects Envalior's assessment of the above-mentioned lists as published in the REACH Regulation, as amended, up to and including the most recent update in force prior to the revision date of this statement. Up-to-date information on the Candidate List, the Authorisation List, and the Restriction List is made publicly available by the European Chemicals Agency (ECHA) via its chemicals database (ECHA CHEM): <https://chem.echa.europa.eu/>.

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Reference: R000032343

To: Complianceletter [complianceletter@resinex.com] – Resinex

Validation date: 2026-06-23

CHINA and EU RoHS DECLARATION

*(Directive 2011/65/EU, Annex II, as amended by Commission Delegated Directive (EU) 2015/863)
(China RoHS: MIIT Order No. 32 (2016), with reference to GB/T 26572)*

According to the recipe for the manufacturing of **Akulon®**, **Arnite®**, **Arnitel®**, **Durethan®**, **EcoPaXX®**, **ForTii®**, **Novamid®**, **Nylatron™**, **Pocan®**, **Stanyl®** and **Xytron™** grades (all colors), the following substances are not intentionally used or added:

- The heavy metals cadmium, lead, chromium (VI) and mercury;
- Polybrominated biphenyls (PBB);
- Polybrominated diphenyl ethers (PBDE) including Decabromodiphenyl ether (decaBDE);
- Bis(2-ethylhexyl) phthalate (DEHP);
- Butyl benzyl phthalate (BBP);
- Dibutyl phthalate (DBP);
- Diisobutyl phthalate (DIBP).

Since the presence of the above-mentioned substances couldn't be expected under normal conditions, the absence has not been checked by tests.

Although the above-mentioned substances are not intentionally added, this does not exclude the presence of traces due to (among others) impurities in the components supplied by third parties and used in our production facilities.

However, it is our opinion that the chemical composition of the above-mentioned products fully complies with the requirements for the above-mentioned substances according to Directive 2011/65/EU, as amended by Directive (EU) 2015/863, and with the requirements of China RoHS (MIIT Order No. 32 (2016)), with reference to GB/T 26572.

Seller represents and warrants exclusively that on the date of delivery by Seller the product shall be in conformity with the specifications agreed upon. Seller makes no other representations or warranties, whether express or implied.

Seller is not responsible or liable for the design of the products of the Customer and it is the responsibility of the Customer to determine that the Seller's product is safe, complies with application laws and regulations, and is technically or otherwise fit for its intended use. Seller does not endorse or claim suitability of its products for a specific application and disclaims each and every representation or warranty, whether express or implied, in that respect.

Typical values are indicative only and are not to be construed as being binding specifications. Colorants in the product or other additives may cause significant variations in typical values.

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It is the responsibility of the legal entity responsible for placing the finished article on the market to ensure that the usage of such article is safe, lawful, and technically suitable.

This declaration is restricted to the above-mentioned product(s) as it(these) leave(s) Envalior's production facilities. This declaration has been prepared and issued on the basis of currently applicable laws and regulations and our best knowledge and expertise currently available; the addressee or recipient is advised to regularly request updates hereof. This declaration replaces all previous ones relating to this subject.

The General Conditions of Sale of the entity selling this product apply to and are part of all our quotations, offers, agreements, sales, deliveries and all other similar dealings, unless explicitly agreed otherwise by means of a duly and mutually executed document.

On behalf of Envalior,



W. Saelmans
Senior Expert
Regulatory Affairs & Product Safety



R. Jenz
Senior Expert
Global Regulatory Affairs

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