

## FOOD CONTACT DECLARATION

***It is the responsibility of our customers to check if the materials supplied by SABIC and articles made out of it are suitable for the intended use and comply with all applicable regulations and requirements.***

As a manufacturer of **plastic intermediate materials**, SABIC confirms that **SABIC® HDPE PCG3054** has been formulated and manufactured in accordance with the relevant requirements of the following food contact recommendations or regulations:

## Europe

## Netherlands

Regeling van de Minister van Volksgezondheid, Welzijn van 14 maart 2014, kenmerk 328583-117560-VGP, houdende vaststelling van de Warenwetregeling verpakkingen en gebruiksartikelen die in contact komen met levensmiddelen (Warenwetregeling verpakkingen en gebruiksartikelen), and amendments. Chapter I – Kunststoffen.

## Germany

Empfehlung III "Polyethylen" of Kunststoffe im Lebensmittelverkehr: Empfehlungen des Bundesinstituts für Risikobewertung (BfR) (former BgVV).

Status: April 1, 2021.

Bedarfsgegenständeverordnung in der Fassung der Bekanntmachung vom 23. Dezember 1997 (BGBl. 1998 I S. 5), latest amendment of June 20, 2023 (BGBl. 2023 I Nr. 159 S. 64).

**European Union (EU)**

Regulation (EC) No 1935/2004 of the European Parliament and of the Council for the following aspects:

- **Traceability**

Systems are in place that identify suppliers and customers one step forward / one step back in the value chain.

- **Declaration of Compliance / Supporting Documentation**

This material will be accompanied by a written declaration, stating it complies with the relevant applicable food contact rules. Appropriate supporting documentation is available for competent authorities on their demand to demonstrate such compliance. This documentation will be renewed in case of substantial changes.

- **Good Manufacturing Practice (GMP)**

This material has been manufactured in accordance with the relevant requirements of Commission Regulation (EC) No 2023/2006 on good manufacturing practice for materials and articles intended to come into contact with food.

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Version: 8 July 2024

- **Specific Measures**

All components that comprise **SABIC® HDPE PCG3054** are either listed or exempted from listing according to Commission Regulation (EU) No 10/2011, regulating plastic materials and articles intended to come into contact with food, up to and including **Commission Regulation (EU) No 2023/1627**.

In accordance with the requirement described in Annex IV of Commission Regulation (EU) No 10/2011 to disclose adequate information about substances that are subject to restrictions and/or specifications set out in Annexes I and II to the aforementioned Regulation, we refer to the information given in the annex to this document.

## Overall Migration Limit (OML) testing

To determine the OML, migration experiments have been carried out using test plaques as test specimen (1.6 mm, S/V ratio 6 dm<sup>2</sup>/kg) made of **SABIC® HDPE PCG3054** or a comparable grade, in food simulants B, C and D2 (according to Table 1 of Annex III of Commission Regulation (EU) No 10/2011) under testing conditions covering long term storage above 6 months at room temperature and below, including heating up to 70°C for up to 2 hours, or heating up to 100°C for up to 15 minutes (OM2 in Table 3, Annex V of Commission Regulation (EU) No 10/2011).

## Test summary

Results have shown that under mentioned conditions migration limits (overall and if applicable specific) were not exceeded.

### Compliance work to be performed by the downstream operator

In accordance with the guiding principles to avoid duplication of compliance work and to conduct compliance work as early as possible in the supply chain, SABIC has conducted hazard assessments in accordance with Article 19 of Commission Regulation (EU) No 10/2011, on standard test specimens under standardized testing conditions. Due to its role in the supply chain as a plastics intermediate materials manufacturer, SABIC can confirm compliance to Article 3(1)a of Regulation (EC) 1935/2004, and amendments. SABIC cannot assess exposure under every actual or foreseeable condition of use of the finished plastic material or article, wholly or partly composed of **SABIC® HDPE PCG3054**. As a result, compliance to Articles 3(1)b and 3(1)c will have to be demonstrated by the producer of the final plastic material or article before placing it on the EU market.

However, in order to support our customers to conclude on their own compliance work required by Article 3(1)(a) of Regulation (EC) No 1935/2004, upon specific request, based on customer's exposure assessment, SABIC may provide hazard information relevant for **SABIC® HDPE PCG3054**.

## **Non EU countries**

### **Switzerland**

Swiss ordinance on materials and objects in contact with food: SR 817.023.21 „Verordnung des EDI über Materialien und Gegenstände, die dazu bestimmt sind, mit Lebensmitteln in Berührung zu kommen (Bedarfsgegenständeverordnung) vom 16. Dezember 2016, 5. Abschnitt: Bedarfsgegenstände aus Kunststoff“; amended by AS 2024 250 of May 29, 2024 which was published on June 5, 2024. The latest amendment to the ordinance entered into force on July 1, 2024.

### **United Kingdom**

UK Statutory Instruments, 2019 No. 704: *“The Materials and Articles in Contact with Food (Amendment) (EU Exit) Regulations 2019”*.

The statutory instrument provides the necessary safety requirements to ensure businesses are producing safe food contact materials and articles for the UK's end users.

The policy objective of the statutory instrument is to maintain existing EU laws in the UK and fix the inoperabilities in retained direct EU legislation related to materials and articles in contact with food. It includes the following directly relevant EU regulations:

- Regulation (EC) No. 1935/2004: (“the Framework Regulation”) on materials and articles intended to come into contact with food.
- Regulation (EU) No. 10/2011: on plastic materials and articles intended to come into contact with food.
- Regulation (EC) No. 2023/2006: on Good Manufacturing Practice for materials and articles intended to come into contact with food.
- Regulation (EC) No. 1895/2005: on the restriction of use of certain epoxy derivatives in materials and articles intended to come into contact with food.
- Regulation (EU) No. 2018/213: on the use of bisphenol A in varnishes and coatings intended to come into contact with food.

UK Statutory Instrument, 2019 No. 704 ensures that the retained EU law in UK domestic regulations continue to be operable after UK's exit (a.k.a. BREXIT) from the European Union.

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## **Americas**

### ***United States of America (USA)***

The resin comprising **SABIC® HDPE PCG3054** is listed in the Code of Federal Regulations (CFR), Title 21, paragraph 177.1520 (olefin polymers), issued by the Food and Drug Administration (FDA).

All adjuvants are cleared according to CFR Title 21, part 178 (Indirect food additives), are generally recognised as safe (GRAS), are prior-sanctioned food ingredients, are cleared on basis of regulations for food additives of before 1958 or are cleared via a Food Contact Notification (FCN).

Extraction experiments with 100 µm film samples made of **SABIC® HDPE PCG3054** or a comparable grade, have shown that the extraction limits specified in US Code of Federal Regulations (CFR), issued by the Food and Drug Administration (FDA), Title 21, paragraph 177.1520(c), item 3.2a, were not exceeded.

This material may be used in articles for packing or holding food during cooking.

That is comparable to **conditions of use A – H** as described in Table 2 of the Code of Federal Regulations (CFR), issued by the Food and Drug Administration (FDA), Title 21, paragraph 176.170(c), in contact with **all food types** as described in Table 1 of CFR, Title 21, paragraph 176.170(c). The material must of course be technically suitable for the intended use.

Status: July 1, 2024.

### ***MERCOSUR (Argentina, Brazil, Paraguay, Uruguay, Venezuela)***

Monomers in **SABIC® HDPE PCG3054** are listed on Resolution GMC No. 02/12 “Reglamento Técnico Mercosur sobre lista positiva de monómeros, otras sustancias de partida y polímeros autorizados para la elaboración de envases y equipamientos plásticos en contacto con alimentos” and amendments up to and including Resolution GMC No. 19/21.

Additives in **SABIC® HDPE PCG3054** are listed on Resolution GMC No. 39/19 “Reglamento Técnico Mercosur sobre lista positiva de aditivos para materiales plásticos destinados a la elaboración de envases y equipamientos en contacto con alimentos”, repealing Resolution GMC No. 39/07.

For adequate information about substances that are subject to restrictions and/or specifications set out in the aforementioned regulations, please refer to the information given at the end of this document.

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## Brazil

Monomers in **SABIC® HDPE PCG3054** are listed on Resolution - RDC No. 56/2012 “Resolução da Diretoria Colegiada sobre a lista positiva de monômeros, outras substâncias iniciadoras e polímeros autorizados para a elaboração de embalagem equipamentos plásticos em contato com alimentos” and amendments up to and including Resolution - RDC No. 589/21.

Additives in **SABIC® HDPE PCG3054** are listed on Resolution - RDC No. 326/2019 “Resolução da Diretoria Colegiada sobre a lista positiva de aditivos destinados à elaboração de materiais plásticos e revestimentos poliméricos em contato com alimentos e dá outras providências”.

For adequate information about substances that are subject to restrictions and/or specifications set out in the aforementioned regulations, please refer to the information given at the end of this document.

## Middle East

***GCC (Bahrein, Kuwait, Oman, Qatar, Saudi Arabia and the United Arab Emirates)***

Monomers and additives in **SABIC® HDPE PCG3054** are listed as authorised for materials in Table 1 of Gulf Technical Regulation GSO 1863:2021 (cancelling and replacing Gulf Technical Regulation GSO 1863:2013).

It has to be noted that Gulf Technical Regulations GSO 2231:2012 (General Requirements For The Materials Intended To Come Into Contact With Food), GSO 839:2021 (Food Packages - Part 1: General Requirements) and GSO 1863:2021 (Food packages - Part 2: Plastic package - General Requirements) typically set general (technical performance) requirements for materials and articles, that in their finished state as final article, are intended to or reasonably expected to contact food. SABIC materials are plastic intermediate materials to be converted into final articles. SABIC does not produce final articles. It is the responsibility of the producer of the final article to check if the materials supplied by SABIC and final articles made out of it are suitable for the intended use and comply with all applicable regulations and requirements.

For adequate information about substances that are subject to restrictions and/or specifications set out in the aforementioned standard, please refer to the information given at the end of this document.

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## Asia Pacific

***The People's Republic of China (PRC)***

**GB4806.1-2016**

PRC National Standard GB4806.1-2016 "General safety requirements for food contact materials and articles", as applicable to plastic basic resins, for the following aspects:

- **Traceability**

Systems are in place that identify suppliers and customers one step forward / one step back in the value chain.

- **Product information**

When supplied to China, the material packaging will contain (in Chinese language): product name and material type; name, address and contact details of manufacturer and/or seller; date of manufacture and reference to declaration of compliance with relevant applicable Chinese standards.

- **Declaration of Compliance / Supporting Documentation**

This material will be accompanied by a written declaration, stating it complies with the relevant applicable Chinese food contact standards.

Appropriate supporting documentation is available for competent authorities on their demand to demonstrate such compliance. This documentation will be renewed in case of substantial changes.

- **Specific measures**

All components that comprise **SABIC® HDPE PCG3054** are either listed or exempted from listing according to PRC National Standards GB4806.7-2023 and GB9685-2016, regulating plastic materials and articles intended to come into contact with foodstuffs.

**Note:** Annex A.1 of PRC National Standard GB4806.7-2023 specifies a list of approved polymer resins with their chemical name and CAS RN. It also specifies the generic class and name of restricted monomers (if any) and corresponding SML/QM levels. PRC National Standard GB4806.7-2023 does not list CAS RN or GB9685-2016 FCA number of restricted monomers.

Considering the complexity of monomer chemical names, if a restricted monomer's GB9685-2016 FCA number is available, SABIC will provide this identification number and its corresponding SML/QM level. QM levels will be consistent between GB4806.7-2023 and GB9685-2016 (if available).



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## Malaysia

Monomers and additives in **SABIC® HDPE PCG3054** are listed as authorised on Annex A and B, respectively, of Malaysian standard MS 2234:2009 on Plastics materials and articles intended to come into contact with food.

For adequate information about substances that are subject to restrictions and/or specifications set out in the aforementioned standard, please refer to the information given at the end of this document.

***The republic of India***

**SABIC® HDPE PCG3054** comprises a basic resin that is listed in Indian Standard IS 16738:2018 (Positive List of Constituents of Polyethylene and Polypropylene in Contact with Foodstuffs, Pharmaceuticals and Drinking water), superseding IS 10141:2001 and IS 10909:2001.

The intentionally added additives used in **SABIC® HDPE PCG3054** are listed in Indian Standard IS 16738:2018 (Positive List of Constituents of Polyethylene and Polypropylene in Contact with Foodstuffs, Pharmaceuticals and Drinking water), superseding IS 10141:2001 and IS 10909:2001.

**SABIC® HDPE PCG3054** does not contain additives with a migration limit as mentioned in Table 1 of the Indian Food Safety and Standards (Packaging) Regulations 2018 of December 24, 2018.

## Japan

Specifications and Standards for Food, Food Additives, Etc. (Ministry of Health and Welfare Notification No.370 of 1959) and amendments.

The base polymer, monomers and additives of **SABIC® HDPE PCG3054** are listed in the latest official version of Appendix 1, Table 1 (base materials and monomers list), and Table 2 (additives list) as part of the “Partial revision of the Specifications and Standards for Foods, Additives, Etc. (Ministry of Health, Labour and Welfare Notification No. 196)”, promulgated on April 28, 2020, by the Japanese Ministry of Health, Labour and Welfare (MHLW), amending the “Specifications and Standards for Food, Food Additives, Etc. (Ministry of Health and Welfare Notification No.370 of 1959) available on [https://www.mhlw.go.jp/stf/newpage\\_05148.html](https://www.mhlw.go.jp/stf/newpage_05148.html)

The latest published lists of December 25, 2023 are available for download through the following links:

<https://www.mhlw.go.jp/content/11130500/001182667.xlsx> Base materials (polymers)

<https://www.mhlw.go.jp/content/11130500/001182668.xlsx> Additives

<https://www.mhlw.go.jp/content/11130500/001182662.xlsx> / Additives

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The substances listed in Appendix 1 (the Positive List (PL)) are those selected by the MHLW based on information at present time. New substances may be added and the current information or regulations in the list may be revised. The links provided refer to draft versions and are merely for information purposes. At this point in time, only the officially published lists of April 28, 2020 are legally binding. Legislation will enter into force on June 1, 2025. On November 30, 2023, Ministry of Health, Labour and Welfare Notification No. 324 was promulgated, and the Japanese authorities released a page for the positive list system for utensils, containers, and packaging after the enforcement date (June 1, 2025). More information is available via [https://www.mhlw.go.jp/stf/newpage\\_36419.html](https://www.mhlw.go.jp/stf/newpage_36419.html)

It is the responsibility of the finished article manufacturer to determine suitability of **SABIC® HDPE PCG3054** for use with various food types and temperature conditions of end use.

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## General information

We request you to use information contained in this document for compliance purposes only.

We wish to stress that test results referred to in this declaration are performed on standard test specimens under standardized testing conditions. These results may differ significantly from the performance of the finished plastic material or article under actual and foreseeable conditions of use and may not be used to demonstrate regulatory compliance of finished plastic materials or articles.

SABIC recommends users to take appropriate precaution during transportation, storage and use of SABIC products to avoid contamination and deterioration.

SABIC makes no recommendation for suitability of this SABIC product in the downstream user's intended application. SABIC has no control over finished plastic materials or articles nor over their manufacturing, processing and use conditions and can never accept any responsibility for compliance of these finished plastic materials or articles. SABIC cannot be held responsible for changes that may result from further processing of its product by other parties in the supply chain. It is the responsibility of downstream users to determine whether their use of SABIC products in a particular application is suitable and to check compliance of their final product with relevant regulations. Material or product performance in the end application should be validated through proper end use testing based on the information provided by the supply chain.

This declaration is restricted to **SABIC® HDPE PCG3054** as it leaves the production facilities. This declaration does not cover:

- Any substance subsequently added by downstream users.
- Poor material or finished article quality due to inexpert manufacture by downstream users.
- Any negative influence of the finished article on the organoleptic properties of the packaged food

To the best of our knowledge, the information contained in this declaration is accurate and reliable as of its date of publication. Please note carefully that regulations develop continuously and that SABIC declarations may be adapted accordingly. This declaration replaces all previous versions relating to this subject and product and will be valid for a period of 1 (one) year, after which it will automatically expire.

If you have any further questions, or require any additional information on the above, please use the “[Contact Us](#)” form on the SABIC website. After selecting the option “[Products](#)” and your product, choose “[Regulatory](#)” as option under “[What is the nature of your inquiry](#)”.

The form is available via <https://www.sabic.com/en/contact>.

## Corporate Product Stewardship

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foreseeably give rise to a migration from the final material  $> 0.00015$  mg/kg food simulant, determined by a worst-case calculation (assuming 100% migration), or migration modelling using an EU-recognized mathematic migration model, or migration experiments during 10 days at  $60^{\circ}\text{C}$  using standard test specimens, an SV ratio of  $6 \text{ dm}^2/\text{kg}$  and standard food simulants (according to Table 1 of Annex III of Commission Regulation (EU) No 10/2011).

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## ● 产品信息

供应至中国的材料的包装袋上将包含如下（用中文书写的）信息：产品名称和材料类型，生产者和/或经销者的名称、地址和联系方式，生产日期，以及符合相关适用的中国标准的声明。

- 特殊规定

SABIC® HDPE PCG3054 产品的所有组分，均符合GB4806.7-2023《食品安全国家标准食品接触用塑料材料及制品》、GB9685-2015《食品安全国家标准 食品接触材料及制品用添加剂使用标准》和相关NHC(中国卫健委)公告的限制规定，或可按相关食品安全国家标准规范而豁免。

**备注:** GB 4806.7-2023《食品安全国家标准食品接触用塑料材料及制品》批准了中国允许使用的树脂清单，该标准的附表A.1 规定了每个聚合物的化学名、化学文摘号 (CAS RN)、通用类别名、限制性单体的化学名称及其SML/QM限量。该标准中未给出限制性单体的化学文摘号 (CAS RN) 或中国国标GB9685-2016 FCA物质编号。考虑到单体化学名称的复杂性，如果一个单体在GB9685-2016中存在FCA 物质编号，SABIC 除了明示限制性单体名称外，也会公布GB9685-2016 FCA物质编号，该单体的SML/QM限量水平会与GB4806.7-2023 和GB9685-2016(如存在) 一致。

- 基本要求

根据食品接触用材料安全指导原则，为避免重复的合规工作以及尽可能早在制造链中开展合规工作，按照该标准第3.1节的要求，SABIC已使用标准测试样品在标准条件下进行了危害安全评估。但作为原材料供应商，SABIC无法评估由全部或部分的SABIC® HDPE PCG3054产品组成的制成品在实际或者预期可能的所有使用条件的暴露情况。

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- 良好生产规范 ( GMP )

该产品在中国境外生产，其生产过程符合欧盟委员会(EC) 第 2023/2006号法规-关于预期接触食品的材料和制品的良好生产规范(GMP)的相关要求。这些要求与GB 31603-2015 《食品安全国家标准 食品接触材料及制品生产通用卫生规范》(中国GMP标准)的相关要求相似。

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**GB4806.7-2023**

**SABIC® HDPE PCG3054** 产品中的树脂列于GB4806.7-2023《食品安全国家标准 食品接触用塑料材料及制品》附录A.1, 并且符合所有对应树脂的相关要求:

- 第146 (乙烯与1-丁烯的聚合物, 化学文摘号 25087-34-7。)

**GB9685-2016**

**SABIC® HDPE PCG3054** 产品中的所有有意添加使用的添加剂均符合GB9685-2016《食品安全国家标准 食品接触材料及制品用添加剂使用标准》的相关规定:

- 列于GB9685-2016《食品安全国家标准 食品接触材料及制品用添加剂使用标准》之表A.1(食品接触用塑料材料及制品中允许使用的添加剂及使用要求), 或列于GB2760-2014《食品安全国家标准 食品添加剂使用标准》之表 A.2 (可在各类食品中按生产需要适量使用的食品添加剂名单),
- 或经中国国家卫生健康委员会(NHC)相关批准公告(包括相应的应用范围和特别要求)批准。

有关上述各标准所涉及的添加剂的限值和/或规格要求, 以及产品材料应用限制(如有)等详细信息, 请见本文末尾。



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**一般信息**

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