

Product Safety Information

Evonik Operations GmbH

Product Name: SIPERNAT® 37
Chemical Name: Silicon dioxide, chemically prepared
CAS-No.: 112926-00-8, 7631-86-9
Customs Tariff Number: 281122

How to find specific information in this document

This document is an Adobe standard document. Please press the buttons "Strg / Ctrl" and "F" on your keyboard to open the search function, type the search item in the box and press Enter.

Regulations Australia

Domain	Legal Record	Registration	Remarks
Food additive	Australia New Zealand Food Standards Code - Schedule 15 - Substances that may be used as food additives	12.1.1 Salt Silicon dioxide (amorphous) INS 551	Maximum permitted level: necessary to archive 1 or more technical purposes under conditions of GMP
Food contact articles	Australia New Zealand Food Standards Code - Schedule 18 - Processing aids	S18-2 Generalls permitted processing aids Silica or silicates	Refer to Australian Standard AS2070-1999 Plastic Materials for Food Contact Use for guidance on the production of plastic materials, colourants, printing inks, coatings and other substances for food contact use

Regulations China

Domain	Legal Record	Registration	Remarks
Food additive	GB 2760-2024	Silicon Dioxide - as defined in GB 2760-2024	For details please visit the chapter: Application Information - Silicon dioxide as defined in GB 2760-2024
Food additive	GB 2760-2024 GB 25576-2020	CNS No. 02.004, INS No. 551 - As anti-caking agent	Purity criteria according to GB 25576-2020 are met
Food contact additive	GB 9685-2016	FCA0782 (A2, A3, A4, A6)	Application in paints & coatings, rubber materials and products, ink, paper, cardboard materials and product - dosage as necessary
Food contact additive	GB 9685-2016	FCA0782 (A1)	Application in plastic: Silica Gel with CAS number 112926-00-8 can be used for all plastics (PE, PP, PS, AS, ABS, PA, PET, PC, PVC, PVDC, UP) and can be used in appropriate amounts according to production needs.

Regulations India

Domain	Legal Record	Registration	Remarks
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Regulations India

Domain	Legal Record	Registration	Remarks
Food additive	Food Safety and Standards Act, 2006; Act.No.34 OF 2006, Regulations 2011 and Compendium Food Additives Regulations 2017	Chapter 3.1 - Food Additives : GMP Conditions for all food categories. 3.1.7: Anticaking agents, INS No. 551. Functional Classes - Anticaking Agent	GMP Conditions: a) Add lowest possible level to accomplish its desired effect; b) Becomes a component of food as a result of its use in manufacturing, processing or packaging, its doses reduced to the extent reasonably possible; c) Should be of appropriate food grade quality.
Food additive	Food Safety and Standards Act, 2006; Act.No.34 OF 2006, Regulations 2011 and Compendium Food Additives Regulations 2017	IV. Use of food additives in food products; Table 1 - dairy products and analogues, excluding products of category 2.0: Dried whey and whey products, excluding whey cheeses. Silicon dioxide, amorphous INS No. 551.	Recommended Maximum Level - 10,000 mg/kg
Food additive	Food Safety and Standards Act, 2006; Act.No.34 OF 2006, Regulations 2011 and Compendium Food Additives Regulations 2017	IV. Use of food additives in food products; Table 2 - Fats and oil, and fat emulsions. 2.1.3: Lard, tallow, fish oil, and other animals fats (edible fats). Dimethyl polysiloxane (INS No. 900a) in combination with Silicon dioxide INS No. 551.	Recommended Maximum Level - 10 mg/kg
Food additive	Food Safety and Standards Act, 2006; Act.No.34 OF 2006, Regulations 2011 and Compendium Food Additives Regulations 2017	IV. Use of food additives in food products; Table 11 - Sweeteners including honey. 11.1.2: Powdered sugar, powdered dextrose (icing sugar). Silicon dioxide, amorphous INS No. 551.	Recommended Maximum Level - 15,000 mg/kg; Note No. 56: Excluding products where starch is present.
Food additive	Food Safety and Standards Act, 2006; Act.No.34 OF 2006, Regulations 2011 and Compendium Food Additives Regulations 2017	IV. Use of food additives in food products; Table 12 - Salts, spices, soups, salads and protein products; 12.1.1: Salt, including edible common salt, iron fortified salt, iodized salt. Silicon dioxide, amorphous INS No. 551.	Recommended Maximum Level - GMP
Food additive	Food Safety and Standards Act, 2006; Act.No.34 OF 2006, Regulations 2011 and Compendium Food Additives Regulations 2017	IV. Use of food additives in food products; Table 14 - Beverages, excluding dairy products; 14.1.5: Coffee, coffee / coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa. Silicon dioxide, amorphous INS No. 551	Recommended Maximum Level - GMP; Note No. 321: For use in powdered mixes only.

Regulations Indonesia

Domain	Legal Record	Registration	Remarks
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Regulations Indonesia

Domain	Legal Record	Registration	Remarks
Food additive	BPOM Regulation No. 11/2019 - Food Additives	Annex to Government Regulation No. 86/2019 on Food Safety Silicon dioxide, amorphous (INS. 551)	Functional Class: anticaking agent
Food contact articles	BPOM Regulation No. 20/2019 - Regulations on Food Packaging	Silica (Colloidal/sol) registration not necessary if falls within 1. Annex II - B.1 Allowed substance in food contact plastic/rubber - B.1.13.10 -other modifiers -pg 46 - B.1.17.2-coating/film, pg 62 2. Annex II - B.1 Allowed substance in food contact plastic/rubber - B.1.18.1 - plastic colorant pg 67 Annex II - B.3 Allowed substance for general food contact paper and cardboard - B.3.1.4.9 - defoamer pg 81 Annex II B.3.2 Allowed Paper and Cardboard components in contact with food which contains water and fats - B.3.2.9.1- paper colorant pg 100"	Maximum permitted level of GMP

Regulations Malaysia

Domain	Legal Record	Registration	Remarks
Food additive	MYS 1985 Food regulation, Schedule of Food Act 1983, updated 24th Nov 2022	Eleventh Schedule (Regulation 25) PERMITTED FOOD CONDITIONER Silicon dioxide amorphous; TWENTY-THIRD SCHEDULE [Subregulation 391(14)] PERMITTED FOOD ADDITIVE IN PROCESSED CEREAL-BASED FOOD FOR INFANTS AND YOUNG CHILDREN - as anticaking agent, 200 mg for dry cereals only	Functional Class: Emulsifiers and Anti-foaming agents, Anticaking agent
Food contact articles	MYS 1985 Food regulation	No registration necessary	Refer to ASEAN general Guidelines on Food Contact Material

Regulations Philippines

Domain	Legal Record	Registration	Remarks
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Regulations Philippines

Domain	Legal Record	Registration	Remarks
Cosmetics	Food, Drugs and Cosmetic Act- ASEAN Cosmetic Directive) Regulations. Food and Drug Administration (FDA) Circular No. 2021-026	No registration necessary	Refer to ASEAN Cosmetic Directive. Not on the prohibited and restricted list.
Food additive	Philippines Food Act, FDA BUREAU-Circular-No. 2006-016-FDA Administrative Order (AO) No.88-As1984	Updated list of Food Additive permitted under Bureau Circular 2006-016 INS No. 551 SILICON DIOXIDE (AMORPHOUS)	Additives Permitted for Use in Food in General, Unless Otherwise Specified, in Annex to Table 2 in Accordance with GMP. Functional Class in Table 3: Anticaking Agent, Filler
Food contact articles	Food Safety Act of 2013, R.A. 10611 Regulation of FCA	No registration necessary	Refer to ASEAN general Guidelines on Food Contact Material. Refers to Bureau Circular 2006-016 Updated List of food Additive as FCA is considered food additive if it affects the characteristic of food. Voluntary certification of food contact articles used for prepackaged processed food products. Definition FCA- finished or final form made up of one or multiple different food contact substances/materials and food contact chemicals such as adhesives and printing inks.

Regulations Singapore

Domain	Legal Record	Registration	Remarks
Cosmetics	Health Products (Cosmetic Products — ASEAN Cosmetic Directive) Regulations 2007	No registration necessary	Refer to ASEAN Cosmetic Directive. Not on the prohibited and restricted list.
Food additive	SALE OF FOOD ACT (CHAPTER 283, SECTION 56(1)); FOOD REGULATIONS 16(3) - 8th Schedule, Part 1	FOOD ADDITIVES PERMITTED UNDER THE SINGAPORE FOOD REGULATIONS INS No. 551 Silicon dioxide, amorphous / Silica aerogel	Functional Class: anti-caking agents (concentration of not more than 2% on a dry basis)
Food contact articles	SALE OF FOOD ACT (CHAPTER 283, SECTION 56(1)); FOOD REGULATIONS 37 - Containers for food	No registration necessary	Refer to ASEAN general Guidelines on Food Contact Material

Regulations South Korea

Domain	Legal Record	Registration	Remarks
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Regulations South Korea

Domain	Legal Record	Registration	Remarks
Animal nutrition	Standards and specifications for feed, etc	silicon dioxide	Accordance with Appendix 3-2 and 14 of Standards and Specifications for Feed, etc, food additive substances can be used as feed additive.
Food additive	Food Additive Code	silicon dioxide INS: 551	Silicon dioxide can be used only as anticaking agent, filter aid, and foam remover. When used as a filter aid, it must be removed before the final product. If it is used for a anticaking agent, it should be used only for the following food items - processed milk cream, powdered milk, edible salt, other foods.

Regulations Thailand

Domain	Legal Record	Registration	Remarks
Food additive	Notification of the Ministry of Public Health (No. 418) B.E. 2563 (repealed and replaced with No 444 B.E.2566) Prescribing the principle, conditions, methods and proportion of food additives	Annex I SILICON DIOXIDE AMORPHOUS Synonym: Silica INS: 551	Functional Class: Anticaking agent, Foaming agent, Carrier
Food contact articles	Food Act of 1979(FCM)MOPH Notificat.No.92 B.E.2528 1985:Quality or Standard on Food Container,use of food containers and substances prohibited for use in food containers.MOPH Notificat.No.435 B.E.2022:Prescribed Quality or Standard of Plastic Containers	No registration necessary	Refer to ASEAN general Guidelines on Food Contact Material Thai Industrial Standards Institute (TSI) Mandatory and recommended standards for specific materials

Composition / substances

Above mentioned product is a single substance and not a mixture.

Amorphous structure

Synthetic amorphous silica manufactured by flame hydrolysis or by precipitation in an aqueous solution is characterized by its amorphous structure. The determination method used on typical samples is enrichment of the crystalline silicon dioxide fraction followed by X-ray Diffraction. The detection limit of this method is less than 0.1% by weight. The determination of arbitrarily selected samples shows no crystalline silicon dioxide fraction above the detection limit. Under consideration of this result above mentioned silica is considered to be amorphous.

Community eco-label to outdoor and indoor paints according to Commission Decision 2014/312/EU

Criterion 4 - Content of Volatile and Semi-volatile Organic Compounds (VOCs, SVOCs)

During the production process of this product we do not intentionally use or add any volatile organic compounds (VOCs) and/or semi-volatile organic compounds. According to the production process and to the best of our knowledge we do not expect any VOCs/SVOCs in this product.

The analysis on above mentioned substances is not part of our standard quality and production analyses. Therefore, we cannot warrant or guarantee the absence or level of these substances to any specific limit or threshold value.

Criterion 5 - Restriction of hazardous substances and mixtures

This product is not a hazardous substance and not listed as SVHC-Substance. Please visit the safety data sheet for detailed information - **see chapter "Information on REACH / Substances of Very High Concern (SVHC)"**.

Allergens

During the production process we do not intentionally use or add any ingredients usually mentioned to be allergens

- according Regulation (EU) No 1169/2011 - Food information to consumers
- according Food Allergen Labeling and Consumer Protection Act (FALCPA) of 2004
- according the Brazilian Resolution RDC No. 727 - Labeling of packaged foods
- according to the ALBA-list:

Cereals containing gluten (e.g. Wheat, Rye, Barley, Oat, Spelt, Kamut), Maize, Crustaceans, Molluscs, Egg, Fish, Milk, Lactose, Ox, Pig, Hen/Chicken, Peanuts, Soybeans, Almonds, Hazelnut, Walnut, Cashew nut, Pecan nut, Brazil nut, Pistachio, Macadamia nut, Queensland nut, Celery, Mustard, Sesame, Lupines, Leguminous plants, Cinnamon, Vanilla, Coriander, Cocoa, Sulphur dioxide, Sulphites. Yeast, Glutamate (E620 – E625), Benzoic acid (E210 – E219) Azo-colorants/pigments

Pine, Chestnuts

Other additives, preservatives, flavors/fragrances or natural latex.

Since testing of these substances are not part of our standard routine quality control and production testing procedures, we therefore cannot warrant or guarantee the absence of these substances in this product.

HACCP Systems implemented outside of the European Union:

Plant Maptaphut/Thailand implemented an HACCP-System following local guidelines:

HACCP/GMP-ACFS certification – Manufacturing of silicon dioxide (food additive) by Bureau Veritas Certification (Thailand) Limited.

JECFA Monograph 20 (2017) - Silicon Dioxide, Amorphous, INS Number 551

This product is in line with the quality requirements of the mentioned JECFA Monograph.

Acceptable daily intake (ADI)

Joint FAO/WHO Expert Committee on Food Additives, Report TRS 733-JECFA 29/24 - **silicon dioxide "silica"**:
Acceptable daily intake (ADI) - not specified.

GMO

In the production process of this product we do not use any Genetically Modified Organisms (GMOs). This product is non-GMO, it does not contain any GMO and has not been in contact with any GMO.

Suitability

This product is chemically produced. During the production process we do not intentionally use or add gluten, lactose or any other materials of animal or plant origin. Therefore we confirm that this product is suitable for vegetarian and vegan lifestyle.

Any testing for these materials is not part of our routine quality and production processes and therefore, we do not guarantee their absence in our product specifications.

Nutritional value

This product is chemically produced. It is a completely inorganic material. During the production process we do not intentionally use or add any carbohydrates, fats or proteins. This product has no nutritional value. Since testing of these substances is not part of our standard routine quality control and production testing procedures, we therefore cannot warrant or guarantee the absence of these substances in this product.

Aflatoxins

This product is chemically produced. During the production process, there is practically no risk of contamination. Therefore, to the best of our knowledge, aflatoxins are not contained in this product.

Analysis on aflatoxins is not part of our standard quality and production analyses. Therefore, we cannot warrant or guarantee the absence or level of these substances to any specific limit or threshold value.

Irradiation

This product is chemically produced. During the production process we do not intentionally use or add any irradiated or radioactive raw materials. The product is also not irradiated for preservative purposes. Since testing on irradiation is not part of our standard routine quality control and production testing procedures, we therefore cannot warrant or guarantee the absence of irradiation in this product.

Application Info - Silicon dioxide as defined in GB 2760-2024 (China)

Chapter 01.03 - Silicon dioxide - Milk powder and cream powder, not to exceed 1.5% by weight

Chapter 01.08 - Other milk products (e.g. whey powder, protein powder), not to exceed 1.5% by weight

Chapter 02.05 - Non-dairy creamer, not to exceed 1.5% by weight

Chapter 03.0 - Frozen drink (except edible ice), not to exceed 0.05% by weight

Chapter 05.01.01 - Coco products, not to exceed 1.5% by weight

Chapter 06.01 - Raw cereals, not to exceed 0.12% by weight

Chapter 06.03.02.04 - Panada, breaded, fried powder, not to exceed 2% by weight

Chapter 10.03.01 - Dehydrated egg products (e.g. egg white powder, egg yolk powder), not to exceed 1.5% by weight

Chapter 11.06 - Powdered sugar, not to exceed 1.5% by weight

Chapter 12.01 - Salt and salt substitute, not to exceed 2% by weight

Chapter 12.09 - Spicy, not to exceed 2% by weight

Chapter 12.10.01 - Powdered mixture seasoning, not to exceed 2% by weight

Chapter 13.05 - NHC Year 2019 No. 2, food for special medical purpose for year 1-10, not to exceed 1% by weight

Chapter 14.06 - Powdered drink, not to exceed 1.5% by weight

Chapter 16.07 - Others (bean product process), not to exceed 0.0025% by weight

Origin - TSE/BSE and Materials of animal or plant origin

This product is chemically produced. In the production process we do not use any raw material of animal or plant origin (as mentioned in EMA/410/01, current version). In our manufacturing facilities we generally do not use any material of animal or plant origin. Our product is not contaminated with any animal- or plant-based material when it leaves the manufacturing sites and warehouses of the manufacturing company.

Information on REACH / Substances of Very High Concern (SVHC)

According to Regulation (EU) 1907/2006 (REACH) substances of very high concern (SVHC) must be mentioned in the safety data sheet (SDS) when the content is above the threshold limit of 0.1% w/w. Please visit the current safety data sheet for more information regarding this issue.

Please use the following e-mail address to order the current SDS: sds-hu@evonik.com

Information on REACH / PBT- and vPvB-substances

This product is not a PBT (persistent, bioaccumulative, toxic) and vPvB (very persistent, very bioaccumulative) substance as per the criteria of the REACH Regulation.

Information on REACH / Annex XIV or Annex XVII

The above-mentioned product is not a substance nor does contain any substances that are subject to authorization and/or restriction according to Annex XIV or Annex XVII of the REACH Regulation, respectively. However, testing of these substances is not part of our standard routine quality control and production testing procedures.

Please, note, the following EU Directives are not in force anymore: 76/769/EEC (restrictions of dangerous substances and preparations) and its amendments 2003/34/EC and 2003/36/EC.

Information on EU-REACH and REACH-like registrations

Please note that the registrations for EU-REACH and REACH-like regulations (i.e. UK REACH, K-REACH, KKDIK etc.) solely apply to products that are manufactured within the respective market by Evonik or directly imported into the respective market by Evonik or its only representative(s). Products being manufactured outside the EU or REACH-like regulated market and not directly imported into that market by Evonik or its only representative(s) are not covered by the registration held by Evonik. To avoid any conflicts with REACH-like regulations, please ask your Evonik supplier contact prior to each delivery for information on the origin of the supplied product(s) and the current status.

RoHS and WEEE Directives

This product fulfils the limitations and requirements of the EU-Directives 2011/65/EU (RoHS), 2012/19/EU (WEEE) and amendments. It is chemically produced. In the production process we do not use or intentionally add the following substances:

lead, cadmium, chromium (total), mercury, polybrominated biphenyls (PBB), polybrominated diphenyl ethers (PBDE), bis(2-ethylhexyl) phthalate (DEHP), butyl benzyl phthalate (BBP), dibutyl phthalate (DBP), diisobutyl phthalate (DIBP). The analysis on these substances is not part of our standard quality and production analyses. Therefore, we cannot warrant or guarantee the absence or level of these substances to any specific limit or threshold value.

EuPIA exclusion policy for printing inks

During the production process of this product we do not intentionally use or add any substance from the EuPIA exclusion policy for printing inks. Since testing of these substances is not part of our standard routine quality control and production testing procedures, we therefore cannot warrant or guarantee the absence of these substances in this product.

California List of Chemicals, Proposition 65 (USA)

Please refer to the US Safety Data Sheet, Section 15: Regulatory Information, State Regulations.

Oeko-Tex Standard 100

For further information please visit the chapters "Heavy metals" and "Substance declaration".

CMR or SVHC classified substances and Genotoxic Impurities

Based on our data, the above-mentioned product is a non-hazardous substance according to criteria of CLP Regulation 1272/2008/EC. It is not carcinogenic, mutagenic or toxic for reproduction (CMR). Above-mentioned product is a pure substance. During the manufacturing process of above-mentioned product, we do not intentionally use or add any CMR or SVHC classified substances.

The analysis of CMR and SVHC substances is not part of our standard quality and production analyses. Therefore, we cannot warrant or guarantee the absence or level of these substances to any specific limit or threshold value.

The following EU-Directives are no longer in force since 2008: 2003/34/EC, 2003/36/EC and 76/769/EEC (**"restriction of dangerous substances and preparations"**). **CMR classified substances are part of the SVHC classified substances.** This class of substances is now regulated under REACH-SVHC.

End-of life vehicles

This product fulfils the limitations and requirements of the EU Directive 2000/53/EC. For limit values, please visit the chapters "Heavy metals" and "Substance declaration".

Volatile Organic Compounds (VOCs)

Volatile Organic Compounds are not used or intentionally added during production process of this product. To the best of our knowledge this product does not contain any Volatile Organic Compounds. The analysis on above mentioned substances is not part of our standard quality and production analyses. Therefore, we cannot warrant or guarantee the absence or level of these substances to any specific limit or threshold value.

Information regarding Annex III of Regulation (EU) 1107/2009 - plant protection products

The above-mentioned product is chemically produced. In the production process we do not intentionally add any substances mentioned in Annex III of Regulation (EC) No. 1107/2009. The analysis on above-mentioned substances is not part of our standard quality and production analyses. Therefore we cannot warrant or guarantee the absence or level of these substances to any specific limit or threshold value.

Substance declaration

During the production process of this product we do not intentionally use or add any of the following substances:

Aromatic amines according to Information on REACH Regulation (EU) 1907/2006 (Annex XVII)

Aromatic hydrocarbons with a boiling point lower than 250 °C, Alkylphenol ethoxylates (APEOs), Diethylene glycol methyl ether (DEGME), Isothiazolinone compounds, Formaldehyde or Formaldehyde donors

2,2-bis(4-hydroxyphenyl)propane, bis(2,3-epoxypropyl) ether (BADGE), bis(hydroxyphenyl)methane, bis(2,3-epoxypropyl)ethers (BFDGE) and novolac glycidyl ethers (NOGE) as mentioned in Regulation (EC) No 1895/2005

Substances mentioned in GADSL (version 2024), Polychlorinated biphenyls (PCB), polychlorinated naphthalenes (PCN), polychlorinated terphenyls (PCT), pentachlorophenol (PCP) and PCP-salts, chlorinated paraffins (CP), Mirex (perchlorodecone), polycyclic aromatic hydrocarbons (PAHs), polybrominated biphenyls (PBB), polybrominated terphenyls (PBT), polybrominated diphenylethers (PBDE), tetrabromobisphenol-A-bis-(2,3-dibromopropylether) (TBBP-A-bis), solvents, halogens, fluorinated compounds, brominated compounds, iodized compounds, organic tin compounds, azo dye, polyvinyl chloride (PVC) and PVC-blends, latex, ozone depleting substances, phthalates, cyanides, radioactive materials, pesticides, biocides

1,4-Dioxane

Substances listed in Sony's Technical Standards "SS-00259" (version 2022).

Perfluorooctanoic acid (PFOA), Perfluorononanoic acid (PFNA), Perfluorohexane sulfonic acid (PFHxS), Perfluorooctane sulfonates (PFOS) or other PFAS as described in the Scientific Opinion of EFSA (j.efsa.2020.6223)

Antibiotics

Any kind of Bisphenol

Asbestos

Boron

Cobalt

DEHP (diethylhexyl phthalate) and DINP (diisononyl phthalate) or any other phthalates

Dimethylfumarat (DMF)

Ethanol (alcohol)

Ethylene oxide

Gold, Tantalum, Tin, Tungsten

Iodine

Isocyanate

Melamine

Mineral oil aromatic hydrocarbons (MOAH)

Mineral oil saturated hydrocarbons (MOSH)

Narcotic products

Nitrite, Nitrate

Quaternary ammonium compounds

Sodium, Sodium chloride

Steroidal anabolic

Sweeteners (e.g. Aspartame, Saccharin, Steviosid)

Uranium

Zinc oxide

The analysis on these substances is not part of our standard quality and production analyses. Therefore, we cannot warrant or guarantee the absence or level of these substances to any specific limit or threshold value.

Registration Status

The above mentioned product is registered in the following inventories:

* Notice: Please see chapter "Information on EU-REACH and REACH-like registrations" -

Australia	AIIC (Australian Inventory of Industrial Chemicals)	listed, registered or exempt
Canada	DSL (Domestic Substance List)	listed, registered or exempt
China	IECSC (Inventory of Existing Chemical Substances in China)	listed, registered or exempt
European Union	EC (European Community)	listed, registered or exempt (see SDS)
European Union	REACH (Registration, Evaluation, Authorisation and Restrictions of Chemicals)	listed, registered or exempt* (see SDS)
Japan	ENCS (Existing and New Chemical Substances)	listed, registered or exempt
New Zealand	NZIoC (New Zealand Inventory of Chemicals)	listed, registered or exempt
Philippines	PICCS (Philippine Inventory of Chemicals and Chemical Substances)	listed, registered or exempt
South Korea	KECI (Korea Existing Chemicals Inventory)	listed, registered or exempt*
Taiwan	TCSI (Chemical Substances Nomination and Notification)	listed, registered or exempt
Turkey	KKDIK (Chemicals Registration Evaluation Authorisation Restriction)	listed, registered or exempt*
United Kingdom	UK REACH	listed, registered or exempt*
USA	TSCA (Toxic Substances Control Act)	listed, registered or exempt

The following information is available in our Safety Data Sheet (SDS):

Hazard Identification, Composition/Information on Ingredients, REACH-Registration number (if available), (SVHC) Substances of very high concern (if applicable), First Aid, Fire Fighting Measures, Accidental Release Measures, Handling and Storage, Exposure Control/Personal Protection, Physical and Chemical Properties, Stability and Reactivity, Toxicological and Ecological Information, Disposal Considerations, Risk Information (e.g. Transportation, Labeling, Risk Phrases). The Water Hazard Class (WGK) is only in the German version of the safety data sheet available. Please, pay attention to the national edition of the SDS!

The following e-mail address should be used in order to request the SDS: sds-hu@evonik.com

Heavy metals and other metal traces

In the production process of this product, we do not intentionally use or add any heavy metal constituents. The overall content of these elements, in their entirety, lies below 100 ppm and is therefore in line with the limits set by the EU Packaging Directive 94/62/EU.

It is also compliant with the requirements of Model Toxics in Packaging Legislation (formerly known as CONEG Legislation, February 2021) with respect to the content of heavy metals (Lead (Pb), Cadmium (Cd), Mercury (Hg) and Chromium (Cr total)). Concerning the compliance with this regulation concerning the PFAS and phthalates content, please visit the chapter Substance Declaration.

Heavy metals

Substance	Concentration
Cadmium (Cd)	≤ 2 ppm
Chromium, total (Cr)	≤ 10 ppm
Lead (Pb)	≤ 3 ppm
Mercury (Hg)	≤ 1 ppm

Other metal-traces

Substance	Concentration
Antimony (Sb)	≤ 3 ppm
Arsenic (As)	≤ 3 ppm
Barium (Ba)	≤ 50 ppm
Copper (Cu)	≤ 2 ppm
Iron (Fe)	≤ 400 ppm

Nickel (Ni)	≤ 3 ppm
Selenium (Se)	≤ 1 ppm
Zinc (Zn)	≤ 5 ppm

The analysis for heavy metals or other metals traces is not part of our standard quality and production analysis. The limits given represent typical values from arbitrarily selected samples, but do not represent any specifications. A total content method was used.

This product safety information sheet replaces all previous versions.

Disclaimer

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

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Supervisory Board: Dr. Harald Schwager, Chairman

Managing Directors: Dr. Joachim Dahm | Johann-Caspar Gammel | Lauren Kjeldsen | Dr. Claudine Mollenkopf | Alexandra Schwarz

Registered Office: Essen | Register Court: Local Court Essen | Commercial Registry B 20227

Legend

BfR:	Bundesinstitut für Risikobewertung (German institute for risk assessment)
CAS:	Chemical Abstract Services Register Number
CFR:	Code of Federal Regulation
CoE:	Council of Europe
CosIng:	European Commission database for information on cosmetic substances and ingredients
FCM:	Food contact material
FDA:	Food and Drug Administration
FSMA:	Food safety modernisation act
GRAS:	Generally Recognized As Safe
INCI:	International Nomenclature Cosmetic Ingredients
NHFPC:	National Health and Family Planning Commission of the People's Republic of China
PCPC:	Personal Care Products Council