Gryfilen® R50-CLAS

SECTION 1. REACH

- With respect to REACH Registration the following will be stated by Grupa Azoty Polyolefins:
- According to Article 2(9) of the Regulation (EC) 1907/2006 of December 18, 2006 and amendments (hereinafter referred to as REACH Regulation), polymers are exempted from the Titles II (Registration of substances) and VI (Evaluation).
- According to the requirements of Article 6(3) of the REACH Regulation, any manufacturer or importer of a polymer that comprises more than 2% of (a) chemically bound monomer(s) (b) in a volume exceeding 1000 kg per year must register the monomer(s) used.
  We can inform you that Grupa Azoty Polyolefins has successfully registered its monomer(s) used in the our products under REACH.
- Polymers, such as produced by Grupa Azoty Polyolefins are mixtures (preparations consisting of the polymer part, residual monomer, additives, etc.). According to the REACH Regulation, preparations do not need to be registered separately, provided that the individual parts of the mixture are (pre)-registered.
- For substances used for which Grupa Azoty Polyolefins is a Downstream User, and therefore has no obligation to register, Grupa Azoty Polyolefins has contacted its suppliers and confirmed that all their registration obligations under REACH have been met. Grupa Azoty Polyolefins will not use any product or will do business with a supplier that is not in compliance with the REACH Regulation.
- Grupa Azoty Polyolefins has registered all substances for which it had a registration obligation, and will continue to ensure regulatory compliance with the REACH Regulation.
- It has to be noted that the REACH registration of the substance(s) subject to registration in this Grupa Azoty Polyolefins product is restricted to the product as manufactured by Grupa Azoty Polyolefins and cannot be used by any other party outside the supply chain.
- We can further inform you that Grupa Azoty Polyolefins polymers are not dangerous preparations according to the requirements of the Regulation (EC) 1272/2008 on the classification, labelling and packaging of substances and mixtures and therefore is not subject to the requirements of Article 31(1) and (2) of the REACH Regulation.

SECTION 2. Substances of Very High Concern (SVHC)

According to the recipe of this product, the following SVHC are not intentionally added:

- Substances of Very High Concern (SVHC), included in the most recent and authentic "Candidate List of Substances of Very High Concern for Authorisation", in a concentration above the threshold limit of 0,1%, as published by the European Chemicals Agency (ECHA) on:
  https://echa.europa.eu/candidate-list-table, dated June 25, 2025.
- Substances listed at the UK REACH Candidate List of Substances of Very High Concern (SVHCs) for Authorisation in accordance with Article 59(10) of UK REACH.

SECTION 3. Substances subject to the provisions of Annex XIV and Annex XVII of REACH Regulation

Annex XIV

- According to the recipe of this product, substances subject to provision of Annex XIV of REACH Regulation are not intentionally added.

Annex XVII

- The synthetic polymer microparticles supplied are subject to conditions laid down by entry 78 of Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council. This restriction towards placing of polymer microplastics on the market shall not apply to synthetic polymer microparticles, as substances on their own or in mixtures, for use at industrial sites.

  With regard to the discussed restriction, Grupa Azoty Polyolefins, with its commitment for implementation of preventive measures against releases of microplastics in order to protect the environment from potential negative effects of polymer microparticles, provides specific information required by paragraph 7 points a) to d) of the Regulation (EU) 2023/2055 in the Safety Data Sheet of the supplied product.

SECTION 4. Food Contact

European Union

- This Grupa Azoty Polyolefins product complies with the relevant requirements of Regulation (EC) No 1935/2004 as applicable to intermediate materials (e.g. plastic powders, plastic granules or plastic flakes).

- This product complies with the relevant requirements of Regulation (EC) No 2023/2006 (GMP) and as amended, applicable to intermediate materials (e.g. plastic powders, plastic granules or plastic flakes). Grupa Azoty Polyolefins operates ISO 9001, ISO 14001 and ISO 45001 certified management systems.

- With respect to and in compliance with the specific obligations and definitions arising from Regulation (EU) No 10/2011 as amended and Union Guidance on Regulation (EU) No 10/2011 on plastic materials and articles intended to come into contact with food as regards information in the supply chain, Grupa Azoty Polyolefins, as a producer of plastic intermediate material, provides downstream users with the following information:

  Type of plastic intermediate material: polypropylene copolymer with ethylene as co-monomer in pellet form.

  Conformity with the Union List of Authorized Substances: Monomers and additives used to produce this plastic intermediate material are included in the List.

  Components with specific migration limit (SML)
  - Ref. No. 38550 which is regulated with SML = 5 mg/kg including the sum of its hydrolysis products
  - This plastic intermediate material contains traces of a substance which is regulated with a specific migration limit in EU (Regulation (EU) No 10/2011; Annex II).
    SML = 1 mg/kg (expressed as Aluminium)

  Dual Use Additives:
  - E 470a Sodium salts of fatty acids
  - E 471 Mono-and diglycerides of fatty acids

Food type restrictions:
With reference to Annex 1 of Regulation (EU) No 10/2011, monomers and additives used to produce this plastic intermediate material have no restrictions other than the specific migration limit specifically mentioned and do not contain specifications related to the FCM substances used.

- Regulation (EU) No 10/2011 specifies 10 mg/dm^2 as the overall migration limit (OML) from the final materials or articles. The OML and SMLs (when applicable) should be determined according to the requirements specified in Regulation (EU) No 10/2011 and subsequent amendments. The OML and SML determinations are the responsibility of the manufacturer of the final materials or articles. In addition, it should be reminded that the manufacturers of the final materials or articles must verify that the final materials or articles, manufactured according to good manufacturing practices, do not modify the organoleptic properties of the food.

  The migration tests have not been conducted by Grupa Azoty Polyolefins.

Switzerland

- This Grupa Azoty Polyolefins product, constituting an intermediate material as a polypropylene homopolymer, complies with the relevant requirements set out in articles 4-7 of the Swiss Ordinance 817.023.21.

- This product was manufactured only with the use of substances accepted under Article 11 of the Swiss Ordinance 817.023.21.

- Regarding the substances subject to specific migration limits, additives permitted in foodstuffs (dual use additives), and applicable food type restrictions, please refer to the Section 4. FOOD CONTACT of this Product Stewardship Information for the European Union.

- The migration tests have not been conducted by Grupa Azoty Polyolefins.

United Kingdom

- Grupa Azoty Polyolefins understands and is compliant with the General Requirements for Materials and Articles of the Statutory Instruments 2012 No. 2619 "The Materials and Articles in Contact with Food (England) Regulations 2012".

- In reference to the Requirements for Plastic Materials and Articles of the Statutory Instruments 2012 No. 2619 "The Materials and Articles in Contact with Food (England) Regulations 2012" please see Section 4. FOOD CONTACT of this Product Stewardship Information for the European Union.

United States of America

- The base resin in this product is listed in the Code of Federal Regulations (CFR), Title 21, paragraph 177.1520 Olefin polymers (a)(3)(i), issued by the Food and Drug Administration (FDA).

- This product may contain adjuvant substances that may be safely used in polymers used for the manufacture of articles that come into direct contact with food. According to our information, these substances used in this product meet the requirements of their respective FDA regulations.

- Extraction tests according to FDA regulations have not been conducted by Grupa Azoty Polyolefins.

Canada

- The base resin in this product, and the monomers and additives used to produce this product are listed in the Domestic Substances List (DSL).

- Grupa Azoty Polyolefins products fall under the 'polypropylenes' category of acceptable polymers for use in food packaging applications developed by Food Directorate's Bureau of Chemical Safety, however Letters of No Objection were not requested.

- To the best of our knowledge Grupa Azoty Polyolefins polymer under this Product Stewardship Information is not injurious to the health of a consumer of the food when used as a food packaging material in accordance with Division 23 - Food Packaging Materials of the Food and Drug Regulations (C.R.C., c. 870). With reference to the same Division, we hereby confirm that vinyl chloride, polyvinyl chloride, tin compounds, and acrylonitrile are neither manufactured by Grupa Azoty Polyolefins in any production process nor used in its products.

- With reference to Surface Coating Materials Regulations (SOR /2016-193) we inform that lead and mercury are not intentionally added to Grupa Azoty Polyolefins products.

China

- GB4806.1-2016 - Food Contact Material & Articles General Safety Requirements

  The migration tests have not been conducted by Grupa Azoty Polyolefins.

- GB31603-2015: General Hygiene Standard for Production of Food Contact Materials and Articles

  This material has been manufactured outside the People's Republic of China, but in accordance with the relevant requirements of the European Commission Regulation (EC) No 2023/2006 on Good Manufacturing Practice (GMP) for materials and articles intended to come into contact with food. These requirements are similar to the requirements of PRC National Standard GB31603-2015 (Chinese GMP Standard).

- GB4806.7-2023 - National Food Safety Standard: Plastic Materials and Products for Food Contact

  The base resin in this product is listed in GB4806.7-2023, National Food Safety Standard: Plastic Materials and Products for Food Contact, Appendix A, Table A.1, Serial Number 63, resin type: polymer of propylene and ethylene.

  No monomers with SML are present in this base resin.

  The tests, applicable for this product, set out in paragraph 4.3.1, Table 2 of GB4806.7-2023, have not been conducted by Grupa Azoty Polyolefins.

- GB9685-2016 - National Food Safety Standard: Additives for use in Food Contact Materials and Articles

  The additives used in this product are listed in "GB9685-2016 National Food Safety Standard: Additives for use in Food Contact Materials and Articles and relevant approval announcements".

  This product contains one or more components with SML.

Japan

- Food Contact Positive Lists by Japan's Ministry of Health, Labour and Welfare (MHLW) - with effect from 1 June 2025

  The base polymer used in this product is listed in Table 1 of the Positive List of Base Materials under Polymer Group 2: Polymer composed of alkenes as the main monomer.

  With reference to the Positive List of Additives, the additives or additives' components used in this product, being organic substances, are listed as authorized for use in the base polymer. One or more of organic components have specific use limits.
  This product also contains an inorganic additive which is not subject to listing. According to "The guide to submitting application about the new draft of the Positive List" issued by MHLW, inorganic substances can be used without restrictions under the Positive List, provided that their use complies with the Japanese Food Sanitation Act.

Please note that the seller, importer or manufacturer of food utensils, containers, packaging is responsible for assessing and ensuring the safety of the product in accordance with articles 15, 16 and 18 of the Japanese Food Sanitation Act.

South America

- MERCOSUR

  This product contains only monomers listed in Part 1 of the Annex of MERCOSUR/GMC/RES. N° 2/12, Positive list of monomers and polymers to be used in packaging in contact with food, up to and including MERCOSUR/GMC/RES. N° 28/24.

  This product contains only additives included in Table 1 of the MERCOSUR/GMC/RES. N° 39/19, Positive list of additives to be used in packaging in contact with food, up to and including MERCOSUR/GMC/RES. N° 22/24.

  This product contains components with SML.

  The migration tests have not been conducted by Grupa Azoty Polyolefins. The manufacturers of the final article must verify that the final article does not exceed overall migration limits that apply to the finished food packaging material.

- ANVISA

  The base polymer of this product is listed in Annex II Positive List of Polymers and Resins for Plastic Packaging and Equipment in Contact with Foodstuff of Resolution RDC Nº 56/2012, as amended.

  This product contains only additives listed in Resolution RDC Nº 326/2019, as amended.

  This product contains components with SML.

  The migration tests have not been conducted by Grupa Azoty Polyolefins.

SECTION 5. Bisphenols

With respect to and in compliance with the specific obligations and definitions set out in Regulation (EU) 2024/3190 and Articles 3, 15 and 17 of Regulation (EC) No 1935/2004, Grupa Azoty Polyolefins, as a manufacturer of plastic intermediate material, provides downstream users with the following information:

Identity of the intermediate food contact material: polypropylene copolymer with ethylene as co-monomer in pellet form.

List of any bisphenols or bisphenol derivatives used in the manufacture of this product: not applicable.
According to the recipe of this product, any substances considered to be bisphenols or bisphenol derivatives, including Bisphenol-A, -AP, -AF, -B, -BP, -C, -C2, -E, -F, -G, -M-S, -P, -PH, -TMC, -Z, are not intentionally added.

SECTION 6. Phthalates

According to the recipe of this product, phthalates are not intentionally added.

The product is manufactured using a phthalate-free catalyst system.

SECTION 7. Endocrine Disruptors

According to the recipe of this product, any substances considered to be endocrine disruptors are not intentionally added.

SECTION 8. CMR Substances

Grupa Azoty Polyolefins does not intentionally add substances classified as CMR (all categories) according to the Regulation (EC) 1272/2008 on the classification, labelling and packaging of substances and mixtures and its amendments.

SECTION 9. Cosmetic Regulation

"Substances prohibited in cosmetic products", as listed in Annex II or "Substances which cosmetic products must not contain except subject to the restrictions laid down" as listed in Annex III of Regulation (EC) No 1223/2009 on cosmetic products and its amendments, are not intentionally added to Grupa Azoty Polyolefins products.

SECTION 10. EuPIA Exclusion Policy

Substances (Group A – G), as listed in the 8th Edition of EuPIA Exclusion Policy for printing inks and related products, are not intentionally added to Grupa Azoty Polyolefins products.

SECTION 11. California Proposition 65

According to the recipe of this product, substances (at levels resulting in exceedance of indicated safe harbor levels) mentioned in the list of chemicals known to cause cancer or reproductive toxicity (Safe Drinking Water and Toxic Enforcement Act of 1986) of the California Proposition 65, updated January 03, 2025, are not intentionally used or added.

SECTION 12. Animal origin (TSE/BSE)

We state that in the manufacturing of this product, we incorporate small amounts of additives derived from fatty acids that can be of animal origin.

The plastic material is exposed to temperatures above 200°C during the extrusion step in the plastic manufacturing process. Under the described conditions any virus, bacteria or substance causing immunological diseases (TSE; BSE, CJD) is destroyed.

We therefore state that our product is to be considered safe with respect to BSE and TSE transmissions.

SECTION 13. Halal

According to the recipe of this product, the following substances as such are not intentionally added:

- Alcohol

The absence has not been tested.

This product does not have an official Halal certification.

SECTION 14. Kosher

This product does not have an official Kosher certification.

SECTION 15. PPW

Lead, mercury, cadmium, hexavalent chromium, and PFAS substances as restricted by Directive 94/62/EC of 20 December 1994 on packaging and packaging waste (PPW), including Directive (EU) 2018/852 of 30 May 2018 and Regulation (EU) 2025/40 of 19 December 2024, are not intentionally added to this product.

SECTION 16. ELV

Lead, mercury, cadmium or hexavalent chromium, restricted by Directive 2000/53/EC of 18 September 2000 on end-of life vehicles (ELV) as amended, are not intentionally added to this product.

SECTION 17. ROHS

Heavy metals and chemical substances, restricted by Directive 2011/65/EU (RoHS 2), amended by Commission Delegated Directive (EU) 2015/863 of 31 March 2015 (RoHS 3), are not intentionally added to this product.

SECTION 18. WEEE

Substances listed in Annex VII (selective treatment of the waste) of Directive 2012/19/EU as amended (Waste Electrical & Electronic Equipment - WEEE) are not intentionally added to this product.

SECTION 19. CONEG

Lead, mercury, cadmium, hexavalent chromium, phthalates, and PFAS substances as restricted by Model Toxics in Packaging Legislation, are not intentionally added to this product.

SECTION 20. Restricted Substances

In the production of the Grupa Azoty Polyolefins product, the following restricted substances are not intentionally added:

- Acetone
- Acetyl tributyl citrate (ATBC)
- Acrylamide(s)
- Acrylonitrile
- Active and intelligent materials as defined in Regulation (EC) No 450/2009 of 29 May 2009
- AlkylPhenols (AP) and AlkylPhenol Ethoxylates (APE) (e.g. nonylphenol or nonylphenol ethoxylates)
- Amide solvents such as, but not limited to, N,N-dimethylformamide (DMF), N,N-dimethylacetamide (DMA) and N-methyl-2-pyrrolidone (NMP)
- Amine catalysts, amine reagents, amine solvents
- Anisoles (incl. chloro and bromo anisoles)
- Anthraquinone and its derivatives
- Antimicrobials (antibiotics, disinfectants, antiseptics)
- Antimony trioxide, antimony pentoxide
- (Aromatic) diamines (e.g. benzidine, 4,4'-methylenedianiline (MDA))
- Asbestos
- Azides
- Aziridine(s)
- Azodicarbonamide(s), hydrazine(s)
- Azo-dyes, azo-pigments and azo-colorants
- BADGE, BFDGE or NOGE and derivatives as referred to in Regulation (EC) No 1895/2005 of 18 November 2005 on the restriction of use of certain epoxy derivatives
- Benzene
- Benzophenone and its derivatives
- Benzo[a]pyrene, benzo[e]pyrene

- Benzotriazole (BTA)
- Biocides (preservatives, insecticides, disinfectants, antiseptics, pesticides, fumigants)
- Boric acid; diboron trioxide; tetraboron disodium heptaoxide, hydrate; disodium tetraborate, anhydrous; orthoboric acid sodium salt; disodium tetraborate decahydrate; disodium tetraborate pentahydrate
- Butylated hydroxyanisole (BHA)
- Butylated hydroxytoluene (BHT)
- Carbamates
- Chlorinated paraffins (SCCP, MCCP, LCCP)
- Chlorobenzene
- Chlorofluorocarbons (CFCs), hydrochlorofluorocarbons (HCFCs), hydrofluorocarbons (HFCs)
- Chlorophenols (e.g. pentachlorophenol)
- 2-Chloro-propanol
- 3-Chloro-1,2-propanediol (3-MCPD)
- Cobalt (Co) or mica sourced from conflict-affected and high-risk areas in accordance with the OECD Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas
- Conflict Minerals (cassiterite / tin; columbite-tantalite (coltan) / tantalum; wolframite / tungsten and gold), as referred to in Title XV, Section 1502 of the Dodd-Frank Wall Street Reform and Consumer Protection Act, and minerals or metals originating from conflict-affected and high-risk areas as listed in Annex I of Regulation (EU) 2017/821 of 17 May 2017 with its amendments
- Cyanides
- Cytotoxins, endotoxins, hormones
- 1,3-Dichloro-2-propanol (1,3-DCP)
- Dimethylfumarate (DMF)
- Dioxins and furans
- 2-Ethylhexylhexanoic acid (2-EH)
- Ethylene oxide
- Engineered nanomaterials
- Epichlorohydrin
- Formaldehyde
- Fragrances, perfumes
- Genetically Modified Organisms (GMO) or substances derived thereof
- Glycolethers
- Glyoxal (ethanedial)
- Ground bamboo, bamboo flour or fibers, corn flour
- Halogenated flame retardants
- Human pathogens
- Human substances and substances of human origin (e.g. blood, DNA, insulin)
- (Iso)cyanates
- Latex, natural rubber
- Melamine
- Metals: Arsenic (As), Cadmium (Cd), hexavalent Chromium (Cr6+), Lead (Pb), Mercury (Hg), Gold (Au), Iridium (Ir), Molybdenium (Mo), Nickel (Ni), Osmium (Os), Palladium (Pd), Platinum (Pt), Rhodium (Rh), Ruthenium (Ru), Selenium (Se), Silver (Ag), Thallium (Tl), Tin (Sn), Vanadium (V)
- Methylene chloride
- Methyl Ethyl Ketone (MEK)
- Methyl IsoButyl Ketone (MIBK)
- Microorganisms / Microbes (e.g. bacteria, fungi, yeasts, moulds, archaea, protists, viruses)
- Nitrates, Nitrites, Nitric acid, Nitrous acid, Nitrosating agents, Nitrating agents
- Nitro compounds (aliphatic and aromatic) such as, but not limited to, nitrosamines, nitroso compounds, nitroalkanes, nitroalkenes, nitrocellulose, nitrofurazone and nitrobenzene
- Organotin (organostannic) compounds (mono-, di-, tri-alkyltins and their derivatives, such as, but not limited to MBT, DBT, TBT, TeBT, MOT, DOT, TPhT, TcMT)
- Ozone Depleting Substances (ODS) according to the Montreal protocol or Regulation (EU) 2024/590 of the European Parliament and of the Council of 7 February 2024 repealing Regulation (EC) No 1005/2009
- Paint-Wetting Impairment Substances (PWIS)
- Parabens

- Perfluorinated organic compounds (PFC) (Polymeric) Per- and PolyFluorinated Alkyl Substances (PFAS) including, but not limited to:
    - Per- and PolyFluorinated Carboxylic Acids (PFCA) and their derivatives (e.g. Long Chain PerFluorinated Alkyl Carboxylates (LCPFAC) and their salts and precursors, TFA, PFPA, HFBA, PFHxA, PFOA, PFNA and "GenX substances")
    - Per- and PolyFluorinated Sulfonic Acids (PFSA) and their derivatives (e.g. PFBS, PFHxS, PFOS, PFOSA)
    - PerFluoroEther Carboxylic Acids (PFECA) and their derivatives
    - PerFluoroEther Sulfonic Acids (PFESA) and their derivatives
    - PerFluoroAlkyl Phosphonic or Phosphinic Acids (PFPhA, PFPiA) and their derivatives
    - Fluorinated polymers (e.g. PTFE, FEP, PVDF, PVF)
    - PerFluoroPolyEthers (PFPE)
- (very) Persistent, (very) Bioaccumulative and/or Toxic substances (PBT and/or vPvB)
- Persistent Organic Pollutants (POP) according to the Stockholm Convention or Regulation (EU) No 2019/1021, including amendments
- Phenol, resorcinols, cresols, catechols
- Photoinitiators (e.g. isopropylthioxanthone (ITX))
- Plasticizers, softeners (Tris(2-chloroethyl) phosphate (TCEP), trimellitates, adipates, sebacates, maleates, sulfonamides)
- Polybrominated Terphenyls (PBT) / Polychlorinated Biphenyls (PCB)
- Polybrominated Biphenyls (PBB) or Polybrominated Diphenyl Ethers (PBDE)
- Polychlorinated Phenols (PCP) / Polychlorinated Naphthalenes (PCN)
- Polycyclic Aromatic Hydrocarbons (PAH)
- Polyvinylchloride (PVC), Polyvinylidene Chloride (PVDC), Chlorinated Polyvinylchloride (CPVC) and Polychloroprene (neoprene)
- Primary Aromatic Amines (PAA) and substances that can generate primary aromatic amines
- Pyridine(s)
- Quaternary ammonium compounds
- Radioactive substances
- Rare-earth elements: Cerium (Ce), Dysprosium (Dy), Erbium (Er), Europium (Eu), Gadolinium (Gd), Holmium (Ho), Lanthanum (La), Lutetium (Lu), Neodymium (Nd), Praseodymium (Pr), Promethium (Pm), Samarium (Sm), Scandium (Sc), Terbium (Tb), Thulium (Tm), Ytterbium (Yb), and Yttrium (Y)
- Recycled materials
- Rosin, colophony (a.k.a. colophonium) and substances derived thereof
- Semicarbazide
- Silicones, silicone oils, siloxanes
- Substances (above limit values applying to Product class I) as listed in Annex 4 of the OEKO-TEX® Standard 100, Edition 03.2025
- Substances (above the mentioned concentration levels) as listed in the Global Automotive Declarable Substance List (GADSL) reference list, version 1.0 of 01 February 2025
- "Substances causing allergies or intolerances" as listed in Annex II of Regulation (EU) No 1169/2011 of the European Parliament and of the Council of 25 October 2011 on the provision of food information to consumers, as amended. These include: Cereals, Crustaceans, Eggs, Fish, Peanuts, Soybeans, Milk, Nuts, Celery, Mustard, Sesame seeds, Sulphur dioxide and sulphites, Lupin and Molluscs
- Substances classified as Persistent, Bioaccumulative, and Toxic (PBT) Chemicals under Toxic Substances Control Act (TSCA), Section 6(h), as amended by the Frank R. Lautenberg Chemical Safety for the 21st Century Act, including those issued by the US EPA:
    - Decabromodiphenyl ether (DecaBDE) CASRN 1163-19-5
    - Phenol, isopropylated phosphate (3:1) [PIP (3:1)] CASRN 68937-41-7
    - Pentachlorothiophenol (PCTP) CASRN 133-49-3
    - Hexachlorobutadiene (HCBD) CASRN 87-68-3
    - 2,4,6-tris(tert-butyl) phenol, (2,4,6-TTBP) CASRN 732-26-3
- Substances, except MOSH (please see Section 22 of this Product Stewardship Information), given in the Abstract of Nestlé Standards on Materials in Contact with Food (version 6, January 2024)
- Substances on the OSPAR List of Chemicals for Priority Action (Update 2023-2024)
- Substances that could potentially be converted into nitrosamine compounds (nitrosatable substances) in any of the manufacturing steps and applied process conditions

- Thiurams
- Titanium acetylacetonate (TAA)
- Triaryl phosphites, Triclosan, Triclocarban
- Triethyl amine
- 2,2,4-Trimethyl-1,3-pentanediol diisobutyrate (TXIB)
- Tris(nonylphenyl, branched and linear) phosphite (TNPP)
- Vinyl Chloride Monomer (VCM)
- Volatile Organic Compounds in a concentration exceeding the limit (3%) of the Swiss regulation SR 814.018: "Verordnung über die Lenkungsabgabe auf Flüchtigen Organischen Verbindungen (VOCV)" of November 12th 1997
- Xylene

SECTION 21. Halogen Content

According to the recipe of Grupa Azoty Polyolefins, the following substances are not intentionally added:

- Halogens (Bromine, Fluorine, Iodine, Astatine, except for Chlorine) or halogen compounds.

The Grupa Azoty Polyolefins product contains trace amounts of organic or inorganic chlorine compounds, originating from the catalyst system used in the manufacturing process.

SECTION 22. MOH/POH Presence

Mineral oil hydrocarbons (MOH) including mineral oil saturated hydrocarbons (MOSH) and mineral oil aromatic hydrocarbons (MOAH), and polyolefin oligomeric hydrocarbons (POH) including polyolefin oligomeric saturated hydrocarbons (POSH) and polyolefin oligomeric aromatic hydrocarbons (POAH), are not used as direct additives in the recipe of this product. Therefore, presence of any MOH and POH chemicals determines them as non-intentionally added substances.

In the manufacturing process of the Grupa Azoty Polyolefins product, white mineral oil is used as a part of catalytic system, however its presence following the polymerisation reaction is not intended. It should be also noted that polyolefin oligomers are an intrinsic part of polymers, represent the lowest molecular weight fraction and are formed during the polymerisation reaction. The specific composition of this oligomeric fraction depends on the monomer(s) used, introduced type of catalyst, polymerization technology and conditions applied in the process. Additionally, POSH substances belong to the group of so-called MOSH analogues. Due to the very similar structures of MOSH and POSH substances, it is usually impossible to separate MOSH and POSH with normal analysis techniques.

This product has not been tested for MOH/POH presence.

SECTION 23. General Information

Although several substances are declared as not been intentionally added to the Grupa Azoty Polyolefins Product as mentioned in selected sections, their absence has not been tested. This does not exclude their presence in traces as they, amongst others, may be contained as impurities in components (additives, process aids, etc.) supplied by external parties and used in the production of such components.

This declaration applies to the Grupa Azoty Polyolefins. It does not cover any substance(s) or preparation(s) subsequently added and/or inexpert material processing or article fabrication further down in the supply chain.

Please note carefully that regulations develop continuously and that Grupa Azoty Polyolefins 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 contact Grupa Azoty Polyolefins.

DISCLAIMER

All information and statements provided in this Product Stewardship Information are supplied in good faith and to the best of Grupa Azoty Polyolefins S.A. knowledge at the time they are issued. All information and statements provided in the Product Stewardship Information are intended for guidance purposes only and Grupa Azoty Polyolefins S.A. is not liable for any damages resulting from its use.

The information and statements contained in the Product Stewardship Information relate to the product of Grupa Azoty Polyolefins S.A. when is not used in conjunction with any third-party material.

Before using any product of Grupa Azoty Polyolefins S.A., its user shall independently and at its own risk assess whether the product is suitable for the intended use and ensure whether the product may be used safely and in accordance with applicable law.

The user of the product shall read the relevant Material Safety Data Sheet before using the product.

Grupa Azoty Polyolefins S.A. gives no warranties regarding the product, except for warranties expressly agreed between Grupa Azoty Polyolefins S.A. and buyer in writing under pain of nullity. Grupa Azoty Polyolefins S.A. in particular does not provide any assurances regarding suitability of the product for a specific application and/or compliance of a specific application with applicable law.

Use of the product for certain applications is prohibited or restricted by Grupa Azoty Polyolefins S.A. In particular use of the product into any medical applications (e.g. as part of a medical device or in connection with medical devices), requires prior written approval from Grupa Azoty Polyolefins S.A.

Information on the abovementioned prohibitions and restrictions can be obtained from representative of Grupa Azoty Polyolefins S.A.

CONTACT

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