

REGULATORY COMPLIANCE STATEMENT

We hereby confirm that during the manufacturing of all LDPE PETILEN grades, we do not use intentionally substances which are concerned with restriction or banned by regulations, standards and their included amendments cited below. Hence, amount of restricted substances in the product are not expected to exceed threshold values according to our actual knowledge and information.

GENERAL PROPERTIES

PRODUCT DESCRIPTION: Low Density Polyethylene (LDPE) pellets

CAS NUMBER: 9002-88-4

USED MONOMER: Ethylene (CAS No. 74-85-1)

REACH STATUS:

- **Classification:** not classified as dangerous substances according to the EC 1272/2008 (as referred to Repealed Directive 67/548/EEC and Directive 1999/45/EC)
- **Registration:** LDPE is exempted from REACH registration, however its monomer (Ethylene) and all substances involved in our production processes are REACH compliant.
- **Substances of Very High Concern (SVHC):** The Candidate List of SVHC is regularly updated by ECHA and published on <https://echa.europa.eu/candidate-list-table> . None of these substances mentioned in the latest candidate list is present in a concentration above 0.1% in any of grades.

CHEMICALS REGULATION:

PACKAGING WASTE

- CONEG "Toxics in Packaging" Model Legislation (2008)
- Directive 94/62/EC on Packaging and packaging waste (amended Directive 2004/12/EC)
- The sum of concentration levels of heavy metals (lead, cadmium, mercury and hexavalent chromium) is not exceeding 100 ppm.

END-LIFE-OF VEHICLES

- Directive 2000/53/EC (End life of Vehicles – ELV) (as amended 2011/73/EU) *overall concentration Cr(VI), Hg, Pb < 0.1 wt%; Cd < 0.01 wt%

RoHS

- Directive 2011/65/EU (Restriction of the use of certain Hazardous Substances in electrical and electronic equipment – RoHS II repealed 2002/95/EC (RoHS I)), as amended 2015/863/EC (does not cover the "raw materials" but it only can be applied to finished products as electrical and electronic equipment). *overall concentration Cr(VI), Hg, Pb, PBB, PBDE, DEHP, BBP, DBP, DIBP < 0.1 wt %; Cd < 0.01 wt%.

WEEE

- Directive 2012/19/EU (Waste Electrical & electronic Equipment – WEEE (repealing 2002/96/EC)-Annex VII (As, Hg, PCB, PCT, CFC, HCFC, HFC, brominated flame retardant) *Substances which require selective waste treatment are not used or added intentionally.

CALIFORNIA PROPOSITION 65, LIST OF CHEMICALS

- Safe Drinking Water and Toxic Enforcement Act of 1986: Substances on the California Proposition 65 known to the "California Propositions 65, List of Chemicals to cause cancer or reproductive toxicity are not used or added intentionally.

CONFLICT MINERALS

- No Substances listed in Section 1502 of the Dodd-Frank Wall Street Reform and Consumer Protection Act are used intentionally. *Columbite-Tantalite – refined into Tantalum (Ta) (CAS # 7440-25-7), Cassiterite – refined into Tin (Sn) (CAS # 7440-31-5), Wolframite-refined into Tungsten (W) (CAS # 7440-33-7), Gold (Au) (CAS # 7440-57-5)

COSMETICS / INCI

- Regulation (EC) No 1223/2009 of the European Parliament and of the Council of 30 November 2009 on cosmetic products, applies to cosmetics products and their ingredients as defined by the Article 1 of this regulation. The above polymer grade is not intended to be used as ingredient of cosmetics or as cosmetic product. However, above polymer grade does not contain intentionally used substances listed in in Annex II or III of the Cosmetics Regulation 1223/2009, as amended up to Regulation 2019/1966.

EPOXY DERIVATIVES

- EU Commission Regulation (EC) No 1895/2005 on the restriction of use certain epoxy derivatives in food contact articles: *Bisphenol A diglycidyl Ether (BADGE) (CAS # 1675-54-3); Bisphenol F (BFDGE) (CAS # 39817-09-9); Novolac Glycidyl Ether (NOGE) are not used or added intentionally.

GADSL

- No use of prohibited or declarable substances above threshold limits with Global Automotive Declarable Substance List (GADSL)

TOYS AND CHILDCARE ARTICLES

I. PHTHALATES

- Phthalates such are DEHP, DBP, BBP, DINP, DNOP in accordance with Directive 2005/84/EC are not used nor add intentionally in manufacturing of the grades.

II. SAFETY OF TOYS

- Substances or mixtures set out in points 11 to 13 of Section III of Annex II of Directive 2009/48/EC of the European Parliament and of the council of 18 June 2009 on the safety of toys *Elements as listed on Table 13 in Annex II Section III (as referred European Standard EN 71-3:2013+A1:2014 "Safety of Toys" migration of certain elements)

VOC (VOLATILE ORGANIC COMPOUNDS)

- Volatile organic compounds set out in Swiss Ordinance *SR 814.018 (018 (Verordnung über die Lenkungsabgabe auf flüchtigen organischen Verbindungen - VOCV) Annex I and Annex II pointed out overall concentration 3 %w/w.

POPs (PERSISTENT ORGANIC POLLUTANTS)

- Regulation (EC) No 850/2004 on persistent organic pollutants and amending Directive 79/117/EEC (as referenced with recast EU 2019/1021 and amended to 1907/2006/EC and 2008/98/EC)

MINERAL OIL

- MOAH (Mineral Oil Aromatic Hydrocarbons) is not intentionally added and not expected to be present.
- MOHS (Mineral Oil Saturated Hydrocarbons) or POSH (Polyolefin Hydrocarbons) can be an intrinsic part to polyolefins as a trace amount of polymerization process residue. The mineral oil is included with no restriction in the Union List of the authorized substances of Commission Regulation (EU) 10/2011 on plastic materials and articles intended to come into contact with food.

OZONE LAYER-DEPLETING SUBSTANCES

- Prohibited substances listed in Regulation (EC) 1005/2009 on substances that deplete the ozone layer as amended prohibition of CFC's, HCFC's, Halons, CCl₄, TriChloroethane, HBFC's.
- US Clean Air Act, Title VI, Classes I and II (EPA Final Rule; Federal Register 8136, 11.2.1993) on substances that deplete the ozone layer.

BIOCIDES

- The above product has not been registered as a biocidal product, as defined in the Biocidal Products Regulation (BPR – 528/2012). The substances are not used intentionally as listed in - Annex 1 "List of active substances referred to in Article 25" of Regulation (EU) No 528/2012 of the European Parliament and of the Council - the Union list of approved active substances referred to in article 9.2 of Regulation (EU) No 528/2012 of the European Parliament and of the Council Commission implementing Regulation (EU) 2018/1622 of 30 October 2018). Although this product is not routinely tested for their presence , these substances are not expected to be present based on product composition knowledge

PESTICIDES

- The above product is a polymer not intended for use as a pesticide. The above product is not listed in the Annex "Active Substances Approved For Use In Plant Protection Products (i.e. fungicides, insecticides, plant growth regulators, rooting hormones, preserving plant products, herbicides, weed killers ...) of the Commission Regulation No 540/2011 implementing Regulation (EC) No 1107/2009 as regards the list of approved active substances - Amendments - Commission implementing Regulation (EU) 2018/1915 of 6 December 2018 and - the U.S.EPA/OPP's PPIS databases (pesticide and ingredients) available from the NPIRS National Pesticide Information Retrieval System

PFAS (PFOS & PFOA)

- Perfluoroalkyl Sulfonate (PFAS) , Perfluorooctane sulfonate (PFOS) [CAS No. 1763-23-1] , Perfluorooctanoic acid (PFOA) [CAS No. 335-67-1], Perfluorinated carboxylic acids (PFCAs) are not intentionally used in this product. Although this product is not routinely tested for their presence, based on product composition knowledge these substances are not expected to be present.

JAPANESE CSCL & PRTR LAW

- Substances listed in Japanese CSCL; Class I or II Specified Chemical Substances and substances listed in Japanese PRTR law; Class I or Class II Designated Chemical Substances are not used nor added intentionally in this product . Although this product is not routinely tested for their presence, based on product composition knowledge these substances are not expected to be present.

ABSENCE OF SUBSTANCES

We hereby confirm that the following substances are not used nor added intentionally in manufacturing of the above-mentioned products:

- Acetyl Acetone (ACAC) [CAS No. 123-54-6]
- Acrylamide [CAS No. 79-06-1]
- Alcohols and Alcoholic derivatives
- Aliphatic Sulphonate Compounds
- Alkyl phenols (APs) derivatives like Ethoxylates (APEOs) and Amines
- Amonium Nitrate [CAS No. 6484-52-2]
- Anthracen [CAS No. 120-12-7]
- Antrachinon [CAS No. 84-65-1]
- Aromatic Amines (restricted by Directive 2002/61/EC)
- Asbestos [CAS No. 1332-21-4]
- Azocolorants (according to Directive 2002/61/EC)
- Azodicarbonamide [CAS No. 123-77-3]
- Barium derivatives
- Benzene [CAS No. 71-43-2]
- Benzidine [CAS No. 92-87-15] and its salts
- Benzoic Acid [CAS No. 65-85-0]
- Benzo[a]pyren (BaP) [CAS No. 50-32-8]
- Benzo[a]anthracene [CAS No. 56-55-3]
- Benzo[b]fluoranthene [CAS No. 205-99-2]
- Benzo[k]fluoranthene [CAS No. 207-08-9]
- Benzo[j]fluoranthene [CAS No. 205-82-3]
- Benzo(g,h,i)perylene [CAS No. 191-24-2]

- Benzo[e]pyrene [CAS No. 192-97-2]
- Benzotriazole [CAS No. 95-14-7]
- Benzophenone [CAS No. 119-61-9]
- Benzylbenzoate [CAS No. 120-51-4]
- Beryllium compounds (including: beryllium-oxide) and beryllium alloy
- Biocides
- Bisphenol A (BPA) [CAS No. 80-05-7], Bisphenol B (BPB) [CAS No. 77-40-7], Bisphenol F (BPF) [CAS No. 620-92-8] and Bisphenol S (BPS) [CAS No. 80-09-01]
- Boric acid [CAS No. 10043-35-3]; borates and perborates
- Butylated Hydroxytoluene (BHT) [CAS No. 128-37-0]
- Butylated Hydroxyanisole (BHA) [CAS No. 25013-16-5]
- Chlorinated alkyl benzenes (CABs)
- Cobalt-dicloride [CAS No. 7646-79-9]
- Dichlorodiphenyltrichloroethane [CAS No. 50-29-3]
- Dimethylacetamide [CAS No. 127-19-5]
- Dimethylfumarate [CAS No. 624-49-7]
- Dimethylformamide (DMF) [CAS No. 68-12-2]
- Dioxin [CAS No. 290-67-5] and its derivatives
- Epichlorhydrin [CAS No. 106-89-8]
- Epoxidised Soy-Bean Oil (ESBO)
- Ethylenediaminetetraacetic acid (EDTA) [CAS No. 60-00-4] and its salts
- Ethylene glycol dimethylacrilate (EGDMA) [CAS No. 97-90-5]
- Ethylene/methacrylic acid-Zincs copolymer
- Ethyl-acetone (methyl-propyl-ketone) [CAS No. 107-87-9]
- Ethylene-oxide [CAS No. 75-21-8]
- 2-Ethylhexanoic acid [CAS No. 149-57-5]
- Flame retardants (all)
- Fluoranthen [CAS No. 206-44-0]
- Fluoren [CAS No. 86-73-7]
- Fluoroelastomers
- Formaldehyde [CAS No. 50-00-0]
- Fragrances and Allergenic fragrances
- Fungicide
- Furan [CAS No. 110-00-09] and its derivatives
- Furfural [CAS No. 98-01-1]
- Glycerol [CAS No. 56-81-5]
- Glycols ethylene [CAS No. 107-21-1] and propylene [CAS No. 57-55-6]
- Halogenated HydroCarbons
- Herbicides
- Hexachlorobenzene (HCB) [CAS No. 118-74-1]
- Hexabromocyclododecane (HBCDD) [CAS No. 25637-99-4, 3194-55-6]
- 4-Hydroxybenzophenone (CAS No. 1137-42-4)

- Insecticides
- Isopropyl thioxanthone (ITX) [CAS No. 83846-86-0]
- Latex and Natural rubbers
- Long-chain Perfluoroalkyl Carboxylates (LCPFACs)
- 4-Methylbenzophenone [CAS No. 134-84-9]
- Musk xylene [CAS No. 81-15-2]
- Nanomaterials (including Nanoclay, Nanosilver)
- Naphthalene [CAS No. 91-20-3]
- 2-Naphthylamine [CAS No. 91-59-8] and its salts
- Ni and Ni-compounds
- Nitrosamines
- Nitrite derivatives
- Nonylphenoxypoly(ethyleneoxy)ethanol [CAS No. 9016-45-9]
- Melamine [CAS No. 108-78-1]
- Octylphenols [CAS No. 27193-28-8] and Nonylphenol [CAS No. 25154-52-3]
- o-Phenylphenol (OPP) [CAS No. 90-43-7]
- Oxalic Acid [CAS No. 144-62-7] and its derivatives
- PALM oil, Coconut Oil and Palm Kerner Oil
- Parabenes (Esters of Para-hydroxybenzoic-acid)
- Pentachlorophenol (PCP) [CAS No. 87-86-5]
- Perfluoroalkyl Sulfonate (PFAS)
- Perfluorooctane sulfonate (PFOS) [CAS No. 1763-23-1]
- Perfluorooctanoic acid (PFOA) [CAS No. 335-67-1]
- Perfluorinated carboxylic acids (PFCAs)
- Perfluoro-alkyl- phosphate esters (PAPs)
- Pesticides
- Persistent and very bioaccumulative (vPvB) substances
- Trichloroethylene [CAS No. 79-01-6]
- Phenol [CAS No. 000108-95-2] and its derivatives
- Phthalic Anhydride [CAS No. 85-44-9]
- P-Hydroxybenzoic Acid [CAS No. 99-96-7]
- Polyamide-6
- Polychlorinated Biphenyls (PCBs)
- Polybrominated Biphenyls (PBBs)
- Polychlorinated Dibenzodioxin (PCDDs)
- Polychlorinated Furanes (PCDFs)
- Polychlorinated Terphenyls (PCTs)
- Polybrominated Diphenyl Ethers (PBDEs)
- Polybrominated Terphenyls (PBTs)
- Polycyclic aromatic hydrocarbons (PAHs)
- PolytetrafluoroEthylene (PTFE, TEFLON) [CAS No. 9002-84-0]

- Preservative / disinfectant
- o-Phenylphenol [CAS No. 90-43-7]
- Proteines
- PVC [CAS No. 9002-86-2] and PVDC [CAS No. 9002-85-1]
- Pyrene [CAS No. 129-00-0]
- Quaternary Ammonium Compounds
- Radioactive Substances
- Recycled Materials
- Rubber (Synthetic and Natural)
- Semicarbazide [CAS No. 57-56-7]
- Short Chain Chlorinated Paraffins (SCCP) [CAS No. 85535-84-8]
- Silicone [CAS No. 90337-93-2] and silica gel [CAS No. 99439-28-2]
- Siloxane D4 [CAS No. 556-67-2]
- Siloxane D5 [CAS No. 541-02-6]
- Softeners
- Styrene [CAS No. 100-42-5]
- Sulfates
- TBT (Tributyl-tin), DBT (dibutyl-tin) and MBT (monobutyl-tin) and dioctyltin compounds (DOT) and other organo-tin compounds
- Tetrabromobisphenol A (TBBPA) [CAS No. 79-94-7]
- Tetrachloroethene (PERC) [CAS No. 127-18-4]
- Tetraethyleneglycol dimethacrylate (TEGDMA) [CAS No. 109-16-0]
- Titanium acetyl acetonate (TAA) [CAS No. 17501-79-0]
- Trans-2 nonenal [CAS No. 18829-56-6]
- Trichlorobenzene [CAS No. 12002-48-1]
- Trichloroethene (TCE) [CAS No. 79-01-6]
- Triclosan [CAS No. 3380-34-5]
- Triethanolamine [CAS No. 102-71-6]
- Trikesylphosphate, Tritolyl phosphate [CAS No. 78-30-8]
- Tris (nonylphenyl) phosphite (TNPP) [CAS No. 3050-88-2]
- Tris(2-butoxyethyl) phosphate (TBEP) [CAS No. 78-51-3]
- Toluene [CAS No. 108-88-3]
- Vinyl Chloride [CAS No. 75-01-4]
- Xenohormones
- Xylenes [CAS No. 1330-20-7]

INVENTORIES

Above products are listed in the following chemical inventories:

- Australian Inventory of Chemical Substances: AICS
- Canadian Chemical Registration Regulations: NDSL/DSL
- Chinese List on New Chemical Substances: IECS (Inventory Existing Chemical Substances in China)
- European Inventory of Existing Chemical Substances: EINECS/ELINCS
- Japanese Chemical Substances Control Law under METI: CSCL
- Korean Existing Chemicals List: (K)ECL
- Philippine Inventory of Chemicals and Chemical Substances: PICCS
- US EPA Toxic Substances Control Act: TSCA
- New Zealand HSNO - Hazardous Substances and New Organisms

This declaration is only valid for PETKİM's product mentioned above. This declaration does not cover:

- Any modification of the product by any addition of any other product to it,
- Any irreversible modification of the product resulting from a processing of the product,
- An inadequate use and/or storage of the product and the final material or articles.

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