

Capilene[®] Polypropylene

Ipethene[®] Low Density Polyethylene

General Statement on Chemical Absence

Based on the information provided by our upstream suppliers of raw materials and to the best of our knowledge, we confirm that during manufacturing of the above mentioned products, we do not intentionally use any of the chemical substances listed below. However, as these substances cannot reasonably be expected to be present, these products haven't been tested for these substances, and we cannot guarantee that there is no trace amount of them, as impurity or otherwise, in these products.

- * acrylamide (CAS No. 79-06-1)
- * acrylaldehyde (ACROLEIN, CAS No. 107-02-8)
- * AFLATOXIN
- * ALCOHOLS
 - 1,4-Butanediol (CAS No. 110-63-4)
 - butanol
 - dichloro-propanediol (DCP, CAS No. 82598-72-9)
 - ethyl alcohol (ethanol, CAS No. 64-17-5)
 - methanol (CAS No. 67-56-1)
- * anthraquinone (CAS No. 84-65-1)
- * AROMATICS
 - ALKYLPHENOL DERIVATIVES
 - dodecylphenol (CAS No. 121158-58-5)
 - nonylphenol and ethoxylates (CAS No. 25154-52-3 and 84852-15-3)
 - octylphenol and ethoxylates (CAS No. 104-66-9 and 27193-28-8)
 - AROMATIC AMINES
 - 2-naphtylamine (CAS No. 91-59-8)
 - 2-Methoxyaniline,o-Anisidine (CAS No. 90-04-0)
 - 2-naphthylamine (CAS No. 91-59-8)
 - 2,2'-dichloro-4,4'-methylenedianiline (MOCA, CAS No. 101-14-4)
 - 2,4,5-trimethylaniline (CAS No. 137-17-7)
 - 3,3'-dichlorobenzidine 3,3'-dichlorobiphenyl-4,4'-ylenediamine (CAS No. 91-94-1)
 - 3,3'-dimethoxybenzidine o-dianisidine (CAS No. 119-90-4)
 - 3,3'-dimethylbenzidine 4,4'-bi-o-toluidine (CAS No. 119-93-7)
 - 4-Aminoazobenzene (CAS No. 60-09-3)
 - 4-chloroaniline (CAS No. 106-47-8)
 - 4-chloro-o-toluidine (CAS No. 95-69-2)
 - 4-methoxy-m-phenylenediamine (CAS No. 615-05-4)
 - 4-methyl-m-phenylenediamine (toluene-2,4-diamine) (CAS No. 95-80-7)
 - 4,4'-methylenedi-o-toluidine (CAS No. 838-88-0)
 - 4,4'-oxydianiline (CAS No. 101-80-4)
 - 4,4'-thiodianiline (CAS No. 139-65-1)
 - 4,4'- Diaminodiphenylmethane (MDA, CAS No. 101-77-9)
 - 5-nitro-o-toluidine (CAS No. 99-55-8)
 - 6-methoxy-m-toluidine (p-cresidine, CAS No. 120-71-8)
 - Benzenamine (Aniline, CAS No. 62-53-3)



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Benzidine (CAS No. 92-87-5)
 Biphenyl-4-ylamine,4-aminobiphenyl xenylamine (CAS No. 92-67-1)
 o-aminoazotoluene,4-amino-2',3-dimethylazobenzene,4-o-tolylazo-o-toluidine (CAS No. 97-56-3)
 o-toluidine,2-aminotoluene (CAS No. 95-53-4)
 p-Phenylenediamine (PPD, CAS No. 106-50-3)
 Regulation 1907/2006/EC Annex XVII Appendix 8
BENZENES
 benzene (CAS No. 71-43-2)
 n-butylbenzene (CAS No. 104-51-8)
BISPHENOL A (BPA, CAS No. 80-05-7)
BISPHENOL AF (CAS No. 1478-61-1)
BISPHENOL AP (CAS No. 1571-75-1)
BISPHENOL B (BPB, CAS No. 77-40-7)
BISPHENOL BP (CAS No. 1844-01-5)
BISPHENOL C (CAS No. 79-97-0)
BISPHENOL C2 (CAS No. 14868-03-2)
BISPHENOL E (BPE, CAS No. 2081-08-5)
BISPHENOL F (CAS No 620-92-8)
BISPHENOL G (CAS No. 127-54-8)
BISPHENOL M (CAS No. 13595-25-0)
BISPHENOL P (CAS No. 2167-51-3)
BISPHENOL PH (CAS No. 24038-68-4)
BISPHENOL S (BPS, CAS No. 80-09-1)
BISPHENOL TMC (CAS No. 129188-99-4)
BISPHENOL Z (CAS No. 843-55-0)
CHLORINATED BENZENES
CHLORINATED PHENOLS
 chlorophenol
 dichlorophenol
 pentachlorophenol (PCP)
 tetrachlorophenol
 trichlorophenol
CHLORINATED TOLUENES
 n-ethyl-o-toluenesulfonamide (CAS No. 1077-56-1)
 n-ethyl-o/p -toluenesulfonamide mixture (CAS No. 8047-99-2)
 n-ethyl-p-toluenesulfonamide (NEPTSA, CAS No. 80-39-7)
POLYCYCLIC AROMATIC HYDROCARBONS (PAH)
 1,2-dihydro-acenaphthene (CAS No. 83-32-9)
 1-methylnaphthalene (CAS No. 90-12-0)
 2-methylnaphthalene (CAS No. 91-57-6)
 acenaphthylene (CAS No. 208-96-8)
 anthracene (CAS No. 120-12-7)
 benz(a)anthracene (CAS No. 56-55-3)
 benzo(a)pyrene (CAS No. 50-32-8)
 benzo(b)fluoranthene (CAS No. 205-99-2)
 benzo(e)pyrene (CAS No. 192-97-2)
 benzo(ghi)perylene (CAS No. 191-24-2)
 benzo(j)fluoranthene (CAS No. 205-82-3)
 benzo(k)fluoranthene (CAS No. 207-08-9)
 chrysene (CAS No. 218-01-9)
 dibenz(a,h)anthracene (CAS No. 53-70-3)



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fluoranthene (CAS No. 206-44-0)
 fluorene (CAS No. 86-73-7)
 indeno(1,2,3-cd)pyrene (CAS No. 193-39-5)
 naphthalene (CAS No. 91-20-3)
 phenanthrene (CAS No. 85-01-8)
 pyrene (CAS No. 129-00-0)

PHENOLS

2-Phenylphenol (CAS No. 110-80-5)
 2,4,6-Tris(tert-butyl)phenol (CAS No. 732-26-3)
 phenol (CAS No. 108-95-2)
 phenol, isopropylated phosphate (PIP 3:1) (CAS No. 68937-41-7)
 phenylenediamine
 pyridine (CAS No. 110-86-1)
 styrene (ethenylbenzene, CAS No. 100-42-5)

TOLUENES

toluene (CAS No. 108-88-3)
 xylene (CAS No. 95-47-6, 108-38-3, 106-42-3)

* ASBESTOS

Regulation 1907/2006/EC Annex XVII
 Article 2 of EU directive 2009/148/EC on the protection of workers from the risks related to exposure to asbestos at work.

asbestos actinolite (CAS No. 77536-66-4)
 asbestos grunerite (amosite, CAS No. 12172-73-5)
 asbestos anthophyllite (CAS No. 77536-67-5)
 chrysotile (CAS No. 12001-29-5)
 crocidolite (CAS No. 12001-28-4)
 asbestos tremolite (CAS No. 77536-68-6)

* Bamboo (powder and fiber form)

* benzenamine (CAS No. 62-53-3)

* Benzenamine, N-phenyl-, Reaction Products with Styrene and 2,4,4- Trimethylpentene (BNST, CAS No. 68921-45-9)

* benzidine (CAS No. 92-87-5)

* BIOCIDES and ANTIBACTERIALS

Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products as amended up to Regulation (EU) 2021/807.

2-octylisothiazol-3(2H)-one (CAS No. 26530-20-1)
 2-(thiocyanomethylthio)-Benzothiazol (TCMTB, CAS No. 21564-17-0)
 2,4,4'-trichloro-2'-hydroxydiphenyl ether (TRICLOSAN, CAS No. 3380-34-5)
 4-chloro-3-Methylphenol (CMK, CAS No. 59-50-7)
 di-metyl fumarate (DMF, CAS N.o 624-49-7)
 ethyl lauroyl arginat
 o-Phenylphenol (CAS No. 90-43-7)
 nitrofurral (CAS No. 59-87-0)

RESORCINOL

TRICLOCARBAN (CAS No. 101-20-2)

* boric acid (CAS No. 10043-35-3 & 11113-50-1)

* butylated hydroxyanisole (BHA, CAS No. 25013-16-5 and 121-00-6)

* butylated hydroxytoluene (BHT, CAS No. 128-37-0)

* CALIFORNIA'S SAFE DRINKING WATER and TOXIC ENFORCEMENT ACT of 1986 (Proposition 65)

Carmel Olefins products do not contain substances listed on the California prop. 65 above the so-called safe harbor numbers (NSRLs/MADLs).



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- last updated: January 3rd, 2025
- * CASEIN (CAS No. 9000-71-9)
 - * CHLORINATED ALIPHATIC COMPOUNDS
 - 1,1-dichloroethylene (CAS No. 75-35-4)
 - 1,1,1-trichloroethane (CAS No. 71-55-6)
 - 1,1,1,2-tetrachloroethane (CAS No. 630-20-6)
 - 1,1,2-trichloroethane (CAS No. 79-00-5)
 - 1,1,2,2-tetrachloroethane (CAS No. 79-34-5)
 - Hexachlorobutadiene (HCBd), (CAS No. 87-68-3)
 - pentachloroethane (CAS No. 76-01-7)
 - tetrachloromethane (CAS No. 56-23-5)
 - trichlorethylene (CAS No. 79-01-6)
 - trichloromethane (chloroform, CAS No. 67-66-3)
 - SHORT and MEDIUM CHAIN CHLORINATED PARAFFINS
 - * CARCINOGENIC, MUTAGENIC and REPROTOXICITY (CMR)
 - Capilene® and Ipethene® products are not classified as CMR according to CLP regulation EC 1272/2008.
 - * COALITION OF NORTHEASTERN GOVERNORS (CONEG)
 - This product meets the CONEG requirements of less than 100 ppm for total incidental Cadmium, Chromium (VI), Lead and Mercury.
 - * COLOPHONIUM / COLOPHONY (CAS No. 8050-09-7)
 - * COLORANTS
 - DYES (UVITEX dye is used as optical brightner in few Capilene® resins)
 - AZO Dyes
 - PIGMENTS
 - carbon black (CAS No. 1333-86-4)
 - titanium dioxide (CAS No. 13463-67-7)
 - INKS
 - * CONFLICT MINERALS
 - Dodd-Frank Wall Street Reform and Consumer Protection Act - September, 2010
 - Conflict minerals, which include columbite-tantalite (also known as coltan, source for tantalum),
 - cassiterite (source for tin), gold, wolframite (source for tungsten) or their derivatives
 - * CYANIDES
 - cyanuric acid (CAS No. 108-80-5)
 - * decabromodiphenylether (decaBDE)
 - * di(2-ethyl hexyl) maleate (DEHM, CAS No. 142-16-5)
 - * di-butyl fumarate (DBF, CAS No. 105-75-9)
 - * di-methyl-formamide (DMF, CAS No. 68-12-2)
 - * dicyandiamide (DCD, CAS No. 461-58-5)
 - * diphenyl sulfone (DPS, CAS No 127-63-9)
 - * dimethylacetamide (DMA) (CAS No. 127-19-5)
 - * DIOXINS AND FURANS
 - polychlorinated dibenzo-p-dioxins (PCDDs or dioxins)
 - polychlorinated dibenzofurans (PCDFs or furans)
 - polychlorinated biphenyls (PCBs)
 - * epichlorohydrin (CAS No. 106-89-8)
 - * EPOXIDIZED SOYA BEAN OIL (ESBO, CAS No. 8013-07-8)
 - * EPOXY DERIVATIVES
 - Regulation 2005/1895/EC
 - bisphenol F diglycidyl ether (BFDGE, CAS No. 2095-03-6)
 - novolac glycidyl ethers (NOGE)



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- * Ethyl acrylate (CAS No. 140-88-5)
- * ethyl hexanoic acid (EHA)
- * eugenyl methyl ether (CAS No. 93-15-2)
- * formamide (CAS No. 75-12-7)
- * FLAME RETARDANTS (FR)
 - BROMINATED FR
 - 1,2,5,6,9,10-hexabromocyclodecane (HBCD, CAS No. 3194-55-6)
 - polybrominated biphenyls (PBB, CAS No. 59536-65-1)
 - polybrominated diphenyl ethers (PBDE)
 - polybrominated terphenyls (PBT)
 - pentabromodiphenyl ether (CAS No. 32534-81-9)
 - octabromodiphenyl ether (CAS No. 32536-52-0)
 - Directive 2002/96/EC (WEEE)
 - CHLORINATED FR
 - TCEP (CAS No. 51805-45-9)
 - TCPP (CAS No. 13674-84-5)
 - TDCP (CAS No. 13674-87-8)
- * FLUOROCARBONS
 - Chemicals containing at least one Fluor atom bonded to carbon atom across the backbone
 - 1,1-difluoroethane (DFE, CAS No. 75-37-6)
 - PER-and POLYFLUOROALKYL SUBSTANCES (PFAS)
 - According to the European chemicals agency (ECHA) and EU regulation no. 2025/40, article 5 (5) "PFAS" means: any substance that contains at least one fully fluorinated methyl or methylene carbon atom (without any H/Cl/Br/I atom attached to it).
 - (heptafluoropropyl)benzene (CAS No. 378-98-3)
 - α -(Cyclohexylmethyl)- ω -hydropoly(difluoromethylene) (CAS Reg. No. 65530-85-0)
 - 1,1,2,2,3,3-Hexafluoro-1,3-bis((trifluorovinyl)oxy) propane (CAS No. 13846-22-5)
 - 1,1-difluoroethylene (CAS No 75-38-7)
 - 1,3,3,3-Tetrafluoropropene (HFO-1234ze, CAS No. 29118-24-9)
 - 4-(perfluoro(2,2-bis(1-methylethyl)(1-methyl)ethen-1-yloxy))benzenesulfonic acid (CAS No. 271794-15-1)
 - ammonium pentadecafluorooctanoate (APFO, CAS No. 3825-26-1)
 - chloro-1,1,1,2-tetrafluoroethane (CAS Reg. No. 2837-89-0)
 - chlorotrifluoroethylene (CTFE, CAS No. 79-38-9)
 - dichlorotetrafluoroethane (CAS Reg. No. 1320-37-2)
 - ethane, 1,1,1,2,2-pentafluoro- (CAS Reg. No. 354-33-6)
 - hexafluoropropene, polymer with tetrafluoroethylene (CAS Reg. No. 25067-11-2)
 - FLUOROTELEMERS
 - hexafluoropropylene (CAS No. 116-15-4)
 - montmorillonite-type clay treated with polytetrafluoroethylene
 - morpholinium perfluorobutane sulfonate (CAS No. 503155-89-3)
 - perfluoro(2-((6-chlorohexyl)oxy)ethanesulfonic acid) (CAS No. 756426-58-1)
 - perfluorobutane sulfonic acid (PFBS, CAS No. 375-73-5)
 - perfluorohexane-1-sulphonic acid (CAS No. 355-46-4)
 - perfluorocyclohexane sulfonic acid (CAS No. 2106-55-0)
 - perfluorooctane sulfonate (PFOS, CAS No. 1763-23-1)
 - perfluorooctanoic acid (PFOA, CAS No. 335-67-1)
 - polytetrafluoroethylene (PTFE [Teflon], CAS No. 9002-84-0)
 - perfluorohexane (CAS No. 355-42-0)
 - poly(difluoromethylene), α -chloro- ω -(1-chloro-1-fluoroethyl) (CAS Reg. No. 131324-06-6)
 - poly(difluoromethylene), α -chloro- ω -(2,2-dichloro-1,1,2-trifluoroethyl)- (CAS Reg. No. 79070-11-4)



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poly(difluoromethylene), α -(2,2-dichloro-2-fluoroethyl)-, ω -hydro- (CAS No. 163440-89-9)
 poly(difluoromethylene), α -fluoro- ω -[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl]
 (CAS Reg. No. 65530-66-7)
 poly(oxy-1,2-ethanediyl), α -hydro- ω -hydroxy-, ether with α -fluoro- ω -(2-
 hydroxyethyl)poly(difluoromethylene) (1:1) (CAS Reg. No. 65545-80-4)
 propane, 1,1,1,2,3,3,3-heptafluoro- (CAS No. 431-89-0).
 trifluoro(trifluoromethoxy)ethylene (CAS No. 187-93-5)
 tetrafluoromethane (CAS No. 75-73-0)

Fluorinated greenhouse gases

Fluorinated greenhouse gases listed in the Annexes I, II & III of Regulation (EU) No. 2024/573 of 7 February 2024 amending Directive (EU) 2019/1937 and repealing Regulation (EU) No. 517/2014.

* FOOD ADDITIVES

Triacetin (CAS No. 102-76-1)

* FOOD ALLERGENS

Regulation (EU) No. 1169/2011, food ingredients listed in Annex II, as amended by EU regulation No. 2015/2283.

peanuts, tree nuts (almonds, beech nuts, brazil nuts, butternut, cashew, chestnuts, Chinquapin, Coconut, filberts, ginko, hazelnuts, hickory nuts, lechee, macadamia nuts, pecans, pine nuts, pistachios, sheanut and walnuts), milk, eggs, soybeans, Fish or fish products, shellfish, crustaceans (e.g. shrimp, crabs, lobsters, oysters, clams, scallops, crayfish), molluscs (e.g. snails, clams, squid, octopi) or mollusc products, sulfites, food colors, celery or celery products, wheat (gluten) or wheat products, seeds (e.g. cotton, poppy, sesame, sunflower, mustard) or seed products, aspartame, monosodium glutamate (MSG), caffeine, hydrogenated vegetable protein (HVP), grains (e.g. rye, barley, oats), lupine or lupine products, macadamia or Queensland nuts, Sulphur dioxide and sulphites.

* formaldehyde (formol, CAS No. 50-00-0)

* formamide (CAS No. 75-12-7)

* FRAGRANCES

Butylphenyl methylpropional (Lilial), (CAS No. 80-54-6)

Cinnamal

Cinnamyl alcohol (CAS No. 104-54-1)

Citral (CAS No. 5392-40-5)

Coumarins (CAS No. 91-64-5)

Eugenol (CAS No. 97-53-0)

Geraniol (CAS No. 106-24-1)

Hydroxycitronellal (CAS No 107-75-5)

Hydroxymethylpentylcyclohexenecarboxaldehyde (Lylal, CAS No. 31906-04-4)

Isoeugenol (CAS No. 97-54-1)

Limonene

Linalool (CAS No. 78-70-6)

Majantol

Musk compounds

Silvial (CAS No. 6658-48-6)

Vetiver

* FUNGICIDES

* GLOBAL AUTOMOTIVE DECLARABLE SUBSTANCE LIST (GADSL)

Carmel Olefins products do not contain chemical substances listed in the revised edition from February 1st, 2024 of GADSL List above the reporting threshold.

* GENETICALLY MODIFIED ORGANISM (GMO)

* HALOGENS

Elemental Fluorine, Chlorine, Bromine or Iodine

* HEAVY METALS and metallic impurities



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- Antimony, Arsenic, Barium, Beryllium, Bismuth, Cadmium, Gadolinium, Chromium, Cobalt, Copper, Europium, Gold, Iron, Iridium, Lanthnum, Lead, Lithium, Manganese, Mercury, Molybdenum, Nickel, Osmium, Palladium, Platinum, Potassium, Selenium, Silver, Tantalum, Thallium, Terbium, Tin, Tungsten, Vanadium, Rhodium, Ruthenium
- * HUMAN BODY DERIVATIVES
 - * HYDRAZINE DERIVATIVES
 - * Isocyanates
 - hexamethylene diisocyanate (HDI, CAS No. 822-06-0)
 - isophorone diisocyanate (IPDI, CAS No. 4098-71-9)
 - methyl isocyanate (MIC, CAS No. 624-83-9)
 - methylene diphenyl diisocyanate (MDI, CAS No. 101-68-8)
 - naphthalene diisocyanate (NDI, CAS No. 3173-72-6)
 - toluene-2,4-diisocyanate (TDI, CAS No. 584-84-9)
 - * isopropylthioxanthone (ITX, CAS No 5495-84-1 and 83846-86-0)
 - * Lanthanides
 - Lanthanum, Cerium, Praseodymium, Neodymium, Promethium, Samarium, Europium, Gadolinium, Terbium, Dysprosium, Holmium, Erbium, Thulium, Ytterbium, Lutetium
 - * MELAMINE
 - 1,3,5-Triazine-2,4,6-triamine (CAS No. 108-78-1)
 - * MELANIN (CAS No. 8049-97-6)
 - * MICA
 - * NANOMATERIALS
 - Commission recommendation on the definition of nanomaterial, 2011/696/EU
 - Insoluble or biopersistent and intentionally manufactured materials with one or more external dimensions, or an internal structure, on the scale from 1 to 100 nm
 - * NATURAL RUBBER and NATURAL LATEX
 - * nitroamines
 - * nitrite
 - * nitrate
 - * nitrocellulose (CAS No. 9004-70-0)
 - * nitrous acid (CAS No. 6-77-7782)
 - * NITROSAMINE COMPOUNDS
 - N-Nitrosodimethylamine (NDMA, CAS No. 62-75-9)
 - N-nitrosodiethylamine (NDEA, CAS No. 55-18-5)
 - N-nitroso-N-methyl-4-aminobutyric acid (NMBA, CAS No 61445-55-4)
 - N-nitrosoisopropylethyl amine (NIPEA, CAS No. 16339-04-1)
 - N-nitrosodiisopropylamine (NDIPA, CAS No. 601-77-4)
 - N-nitrosodibutylamine (NDBA, CAS No 924-16-3),
 - N-nitrosomethylphenylamine (NMPA, CAS No. 614-00-6)
 - * N,N'-Dimethylpropyleneurea (DMPU) (CAS No. 7226-23-5)
 - * N-Formylmorpholine (CAS No. 7394-85-8)
 - * N-Methylformamide (NMF) (CAS No. 123-39-7)
 - * N-Methyl-2-pyrrolidone (NMP) (CAS No. 872-50-4)
 - * N1-(4-Methylpentan-2-yl)-N4-phenylbenzene-1,4-diamine) 6PPD, CAS No. 793-24-8)
 - * ORGANO-FLUORINE COMPOUNDS
 - * ORGANO-TIN COMPOUNDS
 - dibutyl-tin (DBT, CAS No. 1002-53-5)
 - dibutyltin dichloride (DBTC, CAS No. 683-18-1)
 - dioctyl-tin (DOT, CAS No. 15231-44-4)
 - monobutyl-tin (MBT, CAS No. 78763-54-9)
 - tributyl-tin (TBT, CAS No. 688-73-3)
 - tributyl-tin oxide (TBTO, CAS No. 56-35-9)
 - triphenyl-tin (TPT, CAS No. 668-34-8)



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- * OXO and/or UV DEGRADABLE ADDITIVES
- * OZONE-DEPLETING CHEMICALS (ODC's)
 - The ozone-depleting substances (ODS), listed in the Annexes I & II of the Regulation (EC) No. 1005/2009 of 16 September 2009 as amended by EC regulation No 2017/ 605.
 - Class I and Class II ODC's listed in the US Clean Air Act Amendments of 1990, among them:
 - 1,1,1-Trichloroethane (methyl chloroform)
 - bromochloromethane
 - carbon tetrachloride
 - CFC's
 - halons
 - hydrobromofluorocarbons (HBFC)
 - hydrochlorofluorocarbons (HCFC)
 - methyl bromide
- * PACKAGING AND PACKAGING WASTE
 - Directive 94/62/EC as amended by Directive (EU) 2018/852 and repealed by EU regulation no. 2025/40.
 - This product meets the requirements set in article 5 (4) of less than 100 ppm for total Lead, Cadmium, Mercury and hexavalent Chromium.
 - This product meets the requirements set in article 5 (5) (a), (b) and (c) for PFAS (as defined in article 5 (5)) presence.
- * PARABENS
 - Esters of para-hydroxybenzoic-acid
- * PERCHLORATE COMPOUNDS
- * Persistent Organic Pollutant (POP) as detailed in the Stockholm Convention (meeting of 1-12 May,2023) on Persistent Organic Pollutants and Annex I & IV of EC Regulation (EU) 2019/1021 repealing EC regulation no. 850/2004, as amended by Regulation (EU) 2024/2570.
 - Aldrin (CAS No 309-00-2)
 - alpha hexachlorocyclohexane
 - beta hexachlorocyclohexane
 - bis(pentabromophenyl) ether (decabromodiphenyl ether (decaBDE, CAS No. 1163-19-5)
 - chlordan (CAS No. 57-74-9)
 - chlordecone (CAS No. 143-50-0)
 - dechlorane Plus (CAS No. 13560-89-9)
 - dichlorodiphenyltrichloroethane (DDT, CAS No. 50-29-3)
 - decabromodiphenyl ether (commercial mixture, c-decaBDE),
 - Dicofol (CAS No. 115-32-2)
 - Dieldrin (CAS No. 60-57-1)
 - Endosulfan (CAS No. 115-29-7, 959-98-8, 33213-65-9)
 - Endrin (CAS No. 72-20-8)
 - heptachlor (CAS No. 76-44-8)
 - hexabromobiphenyl (CAS No. 36355-01-8)
 - hexabromocyclododecane (HBCDD)
 - hexabromodiphenyl ether and heptabromodiphenyl ether
 - hexachlorobenzene (HCB, CAS No. 118-74-1)
 - hexachlorobutadiene (HCBd, CAS No. 87-68-3)
 - hexachlorobutadiene
 - Hexachlorocyclohexanes
 - Lindane
 - Methoxychlor (CAS No. 72-43-5)
 - Mirex (CAS No. 2385-85-5)
 - pentachlorobenzene (CAS No. 608-93-5)
 - pentachlorophenol and its salts and esters
 - perfluorooctane sulfonic acid, its salts and perfluorooctane sulfonyl fluoride



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- perfluorooctanoic acid (PFOA), its salts and PFOA-related compound
 polychlorinated biphenyls (PCB, CAS No 1336-36-3)
 polychlorinated dibenzofurans (PCDF)
 polychlorinated dibenzo-p-dioxins (PCDD)
 polychlorinated naphthalenes
 Short-chain chlorinated paraffins (SCCPs)
 Technical endosulfan and its related isomers
 tetrabromodiphenyl ether and pentabromodiphenyl ether
 UV-328 (CAS No. 25973-55-1)
 Toxaphene (CAS No. 8001-35-2)
- * PESTICIDES, HERBICIDES
 - Di-isopropyl-naphthalene's (DIPN, CAS No. 24157-81-1)
 - * Pentachloro-thiophenol (PCTP, CAS No. 133-49-3)
 - * PHTHALATES

Plasticizers (such as phthalates) are not used in the production of polyolefins. Phthalates are NOT intentionally added to the above-mentioned products as plasticizers. However, traces of phthalates may be present in some products as impurities from the catalytic system.

 - butyl benzyl phthalate (BBP, CAS No. 85-68-7)
 - di(2-ethylhexyl) phthalate (DEHP) or di-octyl phthalate (DOP, CAS No. 117-81-7)
 - di-butyl phthalate (DBP) or di-n-butyl phthalate (DNBP, CAS No. 84-74-2)
 - di-iso-decyl phthalate (DIDP, CAS No. 26761-40-0)
 - di-iso-nonyl phthalate (DINP, CAS No. 28553-12-0)
 - di-n-octyl phthalate (DNOP, CAS No. 117-84-0)
 - diisopentyl phthalate (DIPP, CAS No. 605-50-5)
 - dipentyl phthalate (DPP, CAS No. 131-18-0)
 - n-pentyl-iso-pentylphthalate (PIPP, CAS No. 776297-69-9)

Traces of phthalates may be present in some Capilene® resins as impurities from the catalytic system. These traces are in full compliance with Regulation 1907/2006/EC as amended (up to EC regulation 2023/2055). Analytical testing of several phthalates in our Capilene® resins resulted in undetectable content (<100 ppb).
 - * phthalic anhydride (CAS No. 038103-06-9)
 - * PLASTICIZERS
 - 1,2-Cyclohexanedicarboxylic acid, 1,2-diisononyl ester (DINCH, CAS No. 166412-78-8)
 - bis(2-ethylhexyl) adipate (DEHA, CAS No. 103-23-1)
 - butyryl tri-n-hexyl citrate (BTHC, CAS No. 82469-79-2)
 - glycerides, castor-oil mono-, hydrogenated, acetates (CAS No. 736150-63-3)
 - tris(2-ethylhexyl)benzene-1,2,4-tricarboxylate (CAS No. 3319-31-1)
 - * polyacrylonitrile (PAN, CAS No. 25014-41-9)
 - * polychlorinated naphthalenes (PCN)
 - Regulation 1907/2006/EC Annex XVII
 - * polychlorinated terphenyls (PCT)
 - * Polychloroprene (CAS No. 9010-98-4)
 - * polyethylene glycol (PEG)
 - * POLYSTYRENE RESINS
 - polyvinyl butyral (PVB, CAS No. 915977-69-4)
 - polyvinyl chloride (PVC, CAS No. 9002-86-2)
 - polyvinyl chloride, chlorinated (CPVC, CAS No 68648-82-8)
 - polyvinylidene chloride (PVDC, CAS No. 9002-85-1)
 - * Pulegone (CAS No. 89-82-7)
 - * QUATERNARY AMMONIUM COMPOUNDS
 - didecyl dimethyl ammonium chloride (DDAC, CAS No. 7173-51-5)
 - di(2-hydroxyethyl)methyldodecylammonium (diHEMDA, CAS No. 22340-01-8)



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- benzalkonium chloride (BAC, CAS No. 8001-54-5)
- * RADIOACTIVE SUBSTANCES
 - Annexes III and VII of Directive 2013/59/Euratom
- * RADON (CAS No. 10043-92-2)
- * RECYCLED MATERIALS
 - Regulation (EU) 2022/1616
- * RESTRICTION OF HAZARDOUS SUBSTANCES IN ELECTRIC AND ELECTRONIC EQUIPMENT
 - Annex II of Directive 2011/65/EU (RoHS 10) as amended by Directive (EU) 2024/232
 - polybrominated biphenyls (PBB) & polybrominated diphenylethers (PBDE), Chromium (VI), Lead, Mercury and Cadmium.
 - bis(2-Ethylhexyl) phthalate (DEHP), Benzyl butyl phthalate (BBP), Dibutyl phthalate (DBP), Diisobutyl phthalate (DIBP).
 - Traces of phthalates may be present in some Capilene® resins as impurities from the catalytic system. These traces are in full compliance with Regulation 1907/2006/EC as amended (up to EC regulation 2023/2055). Analytical testing of several phthalates in our Capilene® resins resulted in undetectable content (<100 ppb).
- * SILICA GEL (CAS No. 99439-28-2)
- * SILICONE (CAS No. 90337-93-2)
- * SILOXANS
 - Dodecamethylcyclohexasiloxane (D6, CAS No 540-97-6)
 - Decamethylcyclopentasiloxane (D5, CAS No 541-02-6)
 - Octamethylcyclotetrasiloxane (D4, CAS No 556-67-2)
- * SURFACTANTS
 - sodium lauryl sulphate (SLS, CAS No. 151-21-3)
 - sodium lauryl ether sulphate (SLES, CAS No. 9004-82-4)
 - TRITON (CAS No. 9002-93-1)
 - 2-(2-aminoethylamino)ethanol (CAS No. 111-41-1)
- * sulphur (s)
- * sulphur dioxide (CAS No. 7446-09-5)
- * SYNTHETIC MINERAL FIBERS
- * TALLOW DERIVED ADDITIVES
- * tert-Butylhydroquinone (TBHQ, CAS No 1948-33-0)
- * tetrahydrofuran (THF, CAS No 109-99-9)
- * THIURAMS
 - Tetramethyl thiuram disulfide (CAS No. 137-26-8)
 - Tetraethyl thiuram disulfide (CAS No. 97-77-8)
 - Tetramethyl thiuram monosulfide (CAS No. 97-74-5)
 - Isobutyl thiuram disulfide (CAS No. 3064-73-1)
 - Tetrabenzylthiuram disulfide (CAS No. 10591-85-2)
 - Dipentamethylene thiuramtetrasulfide (CAS No. 120-54-7)
- * titanium acetyl acetonate (TAA, CAS No. 77927-72-9)
- * tributyl citrate (CAS No. 77-94-1)
- * tributyl phosphate (TBP, CAS No. 126-73-8)
- * Trimethyleamine (TMA, CAS No. 75-50-3)
- * tris-Nonylphenol phosphite (TNPP, CAS No. 26523-78-4)
- * UV STABILIZERS and ABSORBERS
 - 2-hydroxybenzophenone (CAS No. 117-99-7)
 - 2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320, CAS No. 3846-71-7)
 - 3-hydroxybenzophenone (CAS No. 13020-57-0)
 - 4-hydroxybenzophenone (CAS No. 1137-42-4)
 - 4-methylbenzophenone (CAS No. 134-84-9)



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BENZOPHENONE DERIVATIVES

benzophenone (CAS No. 119-61-9)

benzotriazole (CAS No. 95-14-7)

michler's ketone (MK)

- * vinyl chloride (CAS No. 75-01-4)
- 2- anilo-5-[(4-methylpentan-2-yl)amino] cyclohexa-2,5-diene-1,4-dione (6PPD-quinone, CAS No. 2754428-18-5)
- * 2 naphthylamine (CAS No. 91-59-8)
- * 2-mercaptobenzothiazole (MBT, CAS No. 149-30-4)
- * 2-Pyrrolidone (CAS No. 616-45-5)
- * 2,4-pentadione, acetilacetone (ACAC, CAS No. 123-54-6)
- * 4-aminobiphenyl (CAS No. 92-67-1)
- * 4-aminodiphenyl
- * 4-nitrodiphenyl
- * 4-tert-butylphenol (CAS No. 98-54-4)
- * 4-tert-octylphenol (CAS No. 140-66-9)
- * 4,4-methylene bis(2-chloroaniline) (MBOCA, CAS No. 101-14-4)
- * 7-methyl-3-methylene-1,6-octadiene (Myrcene, CAS No. 123-35-3)
- * Wood (pulp, flour and fiber form)

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