TotalEnergies OneTech Belgium
Refining & Chemicals / Regulatory Affairs

# REGULATORY INFORMATION SHEET

**Letter: 26-ARP-L-0086**
**Date: Feluy, August 31, 2026**

## ALL POLYPROPYLENE PPC, PPH, PPR, ACESO® PPM, AND LUMICENE® PRODUCTS (manufactured in EUROPE)

*Referred as The Product in this document*

## PART A COMPLIANCE WITH REGULATIONS

### REACH REGISTRATION Compliance – REGULATION 1907/2006/EC

On 13 December 2006, the European Commission adopted a proposal for an EU regulatory framework for chemicals, Regulation 1907/2006/EC. Under the new system called REACH (Registration, Evaluation and Authorization of CHemicals), enterprises that manufacture or import more than one ton of a chemical substance per year are required to register it in a central database. The aims of this Regulation are to improve the protection of human health and the environment while maintaining the competitiveness and enhancing the innovative capability of the EU chemicals industry.

We can hereby confirm that The Product supplied by TotalEnergies Petrochemicals & Refinings, TotalEnergies Petrochemicals France to your company is REACH compliant as all substances it is composed of, are

- exempted from registration, and/or
- have been registered by TotalEnergies Petrochemicals & Refinings, TotalEnergies Petrochemicals France or its suppliers or an actor up in the supply chain.

### REACH ANNEX XVII – REGULATION 1907/2006/EC

We hereby confirm that The Product complies with the relevant conditions of restrictions laid down in Annex XVII of the REACH Regulation, as updated on December 10, 2025. The full list can be found here: https://echa.europa.eu/en/substances-restricted-under-reach

We remind you that The Product is a plastic raw material, we therefore make reference to the applicable parts of the here above Annex.

We inform you that The Product is a synthetic polymer microparticle, as mentioned in entry 78, and that the paragraph 1 of the conditions of restrictions doesn't apply to The Product when used at industrial sites or when contained by technical means so that release into the environment is prevented when used in accordance with the instructions for use during the intended end use.

The Safety Data Sheet of The Product, available on our website, has been updated accordingly.

### PACKAGING AND PACKAGING WASTE - REGULATION 2025/40

We hereby confirm that The Product verifies the heavy metals content limit (cadmium, mercury, lead and chromium VI) and PFAS content limit (including polymeric PFAS, PFAS as defined in Article 5 Paragraph 5) set by Regulation 2025/40 on Packaging and Packaging Waste.

We hereby confirm that The Product, or a representative grade of it, contains less than 2 mg/kg of Fluorine (total Fluorine).



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## CONEG (Coalition of the Northeastern Governors, USA)

We hereby confirm that The Product complies with the requirements of CONEG because the overall concentration of cadmium, mercury, lead and chromium is lower than 100 ppm (w/w).

## RoHS II – RoHS III – Directives 2011/65/EU – 2015/863/EU – GB 26572-2025

We hereby inform you that Directive 2011/65/EU (up to amendment (EU) 2024/1416) and GB 26572-2025 on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS) does not cover The Product as "raw materials" but it only applies to the "electrical and electronic equipment" (EEPs) as finished products defined in the Annex I of Directive 2011/65/EU and in Table 1 of GB 26572-2025.
Nevertheless, we hereby confirm that neither the flame retardants polybrominated biphenyls (PBBs) Polybrominated diphenylethers (PBDEs, (this includes penta-, octa-, decabromodiphenylethers)), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP), Diisobutyl phthalate (DIBP) are used in the manufacturing of the above-mentioned Products. Moreover, we hereby confirm that The Product complies with the requirements of heavy metals content because the concentration of cadmium, mercury, lead and chromium is lower than 100 ppm (w/w).

## END OF LIFE VEHICLES – DIRECTIVE 2000/53/EC

We hereby confirm that The Product complies with the Directive 2000/53/EC (up to amendment (EU) 2023/544) on end of life vehicles with respect to the heavy metals content limit defined in the notes of the Decision 2002/525/EC, because the overall concentration of lead, chromium and mercury is lower than 0.1 % by weight, and the concentration of cadmium is lower than 0.01 % by weight.

## GENETICALLY MODIFIED ORGANISMS (GMO)
## Grades: PPH 9020, PPH 12020, PPR 7220, PPR 7227, PPR 9220, PPR 10231, PPR 10232, PPR 12232, Lumicene® MR30MC2, Lumicene® MR60MC2, Lumicene® MR30MX6:

We hereby inform you that the above-mentioned grades may contain some additives* which derived from a Genetically Modified Organism (GMO) while the other additives* are not GMO derived
For other Polypropylene products mentioned on page 1, we hereby confirm that we received confirmation of our suppliers of additives* mentioning the absence of genetically modified organisms (GMO).
*Additive as defined in Regulation (EU) No 10/2011

## HALAL/KOSHER

We inform you that The Product has not received Halal/Kosher certification. We can hereby confirm that we do not use Ethanol (CAS No 64-17-5) nor substances wich are of animal origin as additive* in The Product.
* Additive as defined in Regulation (EU) No 10/2011

## VEGETAL/ANIMAL ORIGIN/TSE

We hereby confim that we received confirmation of our suppliers of additives* used in The Product mentioning the absence of substances of animal origin. Based on this information, we are confident that The Product is free of any Specific Risk Materials (SRM).
*Additive as defined in Regulation (EU) No 10/2011



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## CONFLICT MINERALS – SECTION 1502 OF DODD-FRANCK ACT – USA & EXTENDED MINERALS

We inform you that The Product does not contain conflict minerals: cassiterite, columbite-tantalite, wolframite, tin, tantalum, tungsten, gold, mica and cobalt.

## WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT (WEEE) – DIRECTIVE 2012/19/EU

We hereby inform you that Directive 2012/19/EU (up to amendment (EU) 2024/884) on waste electrical and electronic equipment (WEEE) does not cover The Product as “raw materials” but it only applies to the “electrical and electronic equipment” as finished products defined in Article 3 and classified in categories set out in Annex III of Directive 2012/19/EU.

Nevertheless, we hereby confirm that neither Polychlorinated biphenyls (PCB), Polychlorinated terphenyls (PCT), chlorofluorocarbons (CFC), hydrochlorofluorocarbons (HCFC) or hydrofluorocarbons (HFC), brominated flame retardants, asbestos are intentionally used in the manufacturing of The Product at a threshold level higher than 0.1%.

We hereby confirm that The Product does not contain mercury, lead and hexavalent chromium at a threshold level higher than 0.1% (w/w) each, and of cadmium at a threshold level higher than 0.01% (w/w).

## LOI n°2020-105 du 10 février 2020 relatif à la lutte contre le gaspillage et à l’économie circulaire (AGEC) – Endocrine Disruptors - FRANCE

We inform you that the Article 13 of the above French law completes the *chapitre II du titre III du livre II de la cinquième partie du code de la santé publique* by the Article L. 5232-5. The *arrêté du 28 septembre 2023* states the list of the endocrine disruptors as mentioned in Article L. 5232-5. We hereby confirm you that the substances listed in Annex I Table A and Table A *bis* are not intentionally added to The Product.

## DECRET n°2021-1285 du 1er octobre 2021 relatif à l’identification des substances dangereuses dans les produits générateurs de déchets - FRANCE

We inform you the Article 1 of the above French law states the dangerous susbtances mentioned at the *article 541-9-1 du code de l’environnement*. The *arrêté du 30 août 2023 relatif à l'identification des substances dangereuses dans les produits générateurs de déchets* completes the list of the dangerous substances. We hereby confirm you that the substances listed in the Annex of the *arrêté du 30 août 2023* are not intentionally added to The Product.

## CALIFORNIA PROPOSITION 65 - Safe Drinking Water and Toxic Enforcement Act of 1986

We hereby confirm that we do not use the chemicals mentioned in The Proposition 65 List dated July 31st, 2026 (chemicals list that you can find at the following web address: https://oehha.ca.gov/proposition-65/proposition-65-list) as additive*.

However, some trace amount of Di-n-butyl phthalate (DBP, CAS RN 84-74-2), may be present in the following products as as catalyst modifier residues : Polypropylene PPC 10712; PPC 12712, PPC 13812, PPC 3640, PPC 4640, PPC 4660, PPC 5660, PPC 7642, PPC 7650, PPC 7652, PPC 7760, PPC 9642, PPC 9760.

The California Office of Environmental Health Hazard Assessment's Proposition 65 Implementation Office has published a MADL (Maximum Allowable Dose Levels) for Di-n-butyl phthalate of 8.7 microgram per day. Based on raw materials used in the manufacturing process and manufacturing process conditions, the average concentration of DBP in the above-mentioned products is estimated to be less than 0.25 ppm.



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We inform you also that in The Product you may find manufacturing residue of n-hexane. California has also published MADLs for n-hexane based upon oral and inhalation exposure of 28000 and 20000 micrograms/day, respectively.
Furthermore, we inform you that we do not test each grade we sell to check the potential presence of trace amounts of each chemical listed in the Proposition 65 List.
Thus, whilst we cannot make an absolute claim about the absence of Proposition 65 chemicals in The Product, we believe that no warning is required under Proposition 65.
*Additive as defined in Regulation (EU) No 10/2011

## VOLATILE ORGANIC COMPOUNDS (VOC) - SWISS

We hereby inform you that a representative grade of the here above-mentioned product has been analyzed by "Automated Thermal Desorption Gas Chromatography – internal method" for VOC and our results were lower than the threshold concentration pointed out (3% w/w) in Swiss Ordinance on the Incentive Tax on Volatile Organic Compounds (OVOC) of 12 November 1997 (Status as of March 1st, 2013).

## NANOMATERIALS - COMMISSION RECOMMENDATION 2011/696/EU
## Grades: PPH 6088, PPR 6288, PPR 6298, PPR 7258

We hereby inform you that an additive* in a nanoscale (nanomaterial) as defined in the Commission Recommendation 2011/696/EU is added to the above-mentioned grades.
For other Polypropylene products mentioned on page 1, we hereby confirm that we received confirmation of our suppliers of additives* mentioning the absence of nanomaterials.
*Additive as defined in Regulation (EU) No 10/2011

## PFAS (Per & PolyFluoroAlkyl Substances) – GLOBAL STATMENT

We hereby confirm that The Product doesn't contain any intentionally added PFAS. PFAS are a group of organic substances containing alkyl groups on which all or many of the hydrogen atoms have been replaced with fluorine as structural fragments.

## PART B COMPLIANCE WITH NORMS OR STANDARDS

We can hereby confirm that we do not use as additive* any substances listed in these norms and standards above the limit values. The Product is a plastic and we therefore made reference to the respective parts of these norms and standards. Furthermore, we inform you that we do not test each grade we sell to check the potential presence of trace amounts of each chemicals hereafter listed which could be present in The Product as impurities or otherwise.

1. SONY TECHNICAL STANDARDS SS-00259 Table 4.1, 21st Edition, revised 2023
2. IKEA IOS-MAT-0010 – Table 12, version AA-10911-17, dated 2025-04-14
3. IKEA IOS-MAT-0054, version AA-92520-15, dated 2024-03-18
4. IKEA IOS-MAT-0195, version AA-2208470-5, dated 2024-03-18
5. IKEA IOS-PRG-0021, version AA-31847-7, dated 2011-10-14

*Additive as defined in Regulation (EU) No 10/2011



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## PART C ABSENCES OF SUBSTANCES

We hereby confirm that we do not intentionally use the following substances as additive (as defined in Article 3 of Regulation (EU) No 10/2011) in the manufacturing of The Product:

- **Adipates**
- **Allergen Substances** as listed in Annex II of Regulation (EU)1169/2011, this includes also the substances causing intolerances as listed in Annex II of Regulation (EU)1169/2011.
- **Allergen Substances or causing intolerances:** Buckwheat, Beef, Pork, Chicken, Gelatins (CAS RN 9000-70-8), Apples, Oranges, Kiwifruit, Yams, Matsutake Mushrooms, Peaches, Banana, Tomatoes, Bee pollen, Propolis (CAS RN 85665-41-4), Royal Jelly, Mango, Pine nuts, Chestnuts, Sulfites, Mustard, Molluscan Shellfish, Lupin, Sesame, Honey, Royal Jelly, Chickpeas, Broken peas, Little peas, Lentils.
- **Allergenic Fragrances** as listed in Appendix to Annex II, Part A, point 4 and Part B, point 1 of Regulation (EU) 2025/2509 on the Safety of Toys and repealing Directive 2009/48/EC.
  We inform you that some trace amount of p-tert-Butylphenol (CAS RN 98-54-4) can be present in The Product as a degradation product from one of the additive* used and is technically unavoidable under good manufacturing practice and analysis on a representative grade of The Product shows a residue below the 10 mg/kg. Also consult the statement available per grade on our website.
- **Anthraquinone** (CAS RN 84-65-1)
- **Acrylamide** (CAS RN 79-06-1)
- **Acrylonitrile** (CAS RN 107-13-1)
- **Aflatoxins** $B_1$, $B_2$, $G_1$, $G_2$, $M_1$ and **Mycotoxins**
- **Antimony Trioxide** (CAS RN 1309-64-4)
- **Alkylphenols:** Nonylphenol and Octyphenol
- **Alkylphenols ethoxylates**
- **Aromatic Amines** as listed in Regulation 1907/2006/EC Annex XVII Appendix 8
- **Asbestos** as listed in Regulation 1907/2006/EC Annex XVII
- **Aspartame** (CAS RN 22839-47-0, 7421-84-3)
- **Azocolorants** as listed in Regulation 1907/2006/EC Annex XVII Appendixes 8 and 9
- **Aziridine** (CAS RN 151-56-4)
- **Benzene** (CAS RN 71-43-2)
- **Benzophenone Derivatives**: Benzophenone (CAS RN 119-61-9), 2-hydroxybenzophenone (CAS RN 117-99-7), 3-hydroxybenzophenone (CAS RN 13020-57-0), 4-hydroxybenzophenone (CAS RN 1137-42-4), 4-methylbenzophenone (CAS RN 134-84-9), Benzophenone-3 (CAS RN 131-57-7)
- **BHA** (Tert-butyl-4-hydoxyanisole, CAS RN 25013-16-5)
- **BHT** (2,6-di-tert-butyl-p-cresol, CAS RN 128-37-0). We inform you that some trace amount of BHT can be present in The Product as a manufacturing process residue. Note that this substance is listed in the Union List under the FCM 315 with a Specific Migration Limit (SML) of 3 ppm and is mentioned in our Food contact Certificates.
- **Biocidal Products** as defined in Article 3(1)(a) of the Regulation (EU) 528/2012
- **Bisphenols:** Bisphenol A (CAS RN 80-05-7), Bisphenol AF (CAS RN 1478-61-1), Bisphenol AP (CAS RN 1571-75-1), Bisphenol B (CAS RN 77-40-7), Bisphenol BP (CAS RN 1844-01-5), Bisphenol C (CAS RN 79-97-0), Bisphenol CII (CAS RN 14868-03-2 ), Bisphenol E (CAS RN 2081-08-5), Bisphenol F (CAS RN 620-92-8), Bisphenol G (CAS RN 127-54-8), Bisphenol M (CAS RN 13595-25-0), Bisphenol P (CAS RN 2167-51-3), Bisphenol PH (CAS RN 24038-68-4), Bisphenol S (CAS RN 80-09-1), Bisphenol TMC (CAS RN 129188-99-4), Bisphenol Z (CAS RN 843-55-0)
- **Blood Products** as defined in Regulation (EC) No 142/2011



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- **1,3- Butadiene** (CAS RN 106-99-0)
- **Carbon Black** (CAS RN 1333-86-4)
- **Chlorinated Aliphatic Compounds**: tetrachloromethane (CAS RN 56-23-5), 1,1,2,2-tetrachloroethane (CAS RN 79-34-5), 1,1,1,2-tetrachloroethane (CAS RN: 630-20-6), pentachloroethane (CAS RN 76-01-7), trichloromethane (chloroform; CAS RN 67-66-3), 1,1,2-trichloroethane (CAS RN 79-00-5), 1,1-dichloroethylene (CAS RN 75-35-4), 1,1,1-trichloroethane (CAS RN 71-55-6)
- **Chlorofluorocarbons** (CFC), **Hydrogenated Chlorofluorocarbons** (HCFC), **Halones**
- **CMR** Substances classified Carcinogens, Mutagens or Toxic to Reproduction Categories 1 and 2 as listed in Regulation 1272/2008/EC above the threshold that leads to the classification of The Product.
- **Colza Oil**
- **Cosmetic:** Prohibited Ingredients as listed in Annex II and III of the Regulation (EC) No 1223/2009 on Cosmetic Product.
- **Cyanuric Acid** (CAS RN 108-80-5)
- **Dechlorane Plus®** (CAS RN 13560-89-9)
- **Dimethylfumarate** (CAS RN 624-49-7)
- **Dioxins** and **Difurans**
- **Endocrine disruptors** as listed in ECHA's endocrine disruptor (ED) assessment list – 25 November 2025.
- **Endocrine disruptors Lists I, II, III** as listed on the following website: https://edlists.org/ - December 2025
- **Epichlorohydrine** (CAS RN 106-89-8)
- **Epoxy Derivatives** as listed in Regulation (EC) 1895/2005: 2,2-bis (4-hydroxyphenyl) propane bis (2,3-epoxypropyl) ether (BADGE, CAS RN 1675-54-3; 76002-91-0; 5581-32-8), bis(hydroxyphenyl) methane bis (2,3-epoxypropyl) ethers (BFDGE, CAS RN 39817-09-9) and novolac glycidyl ethers (NOGE)
- **Epoxidized Soya Bean Oil** (ESBO, CAS RN 8013-07-8)
- **Ethanol** (CAS RN 64-17-5)
- **Flame Retardants**, it includes Hexabromocyclododecane (HBCD)
- **Fluorinated Greenhouse gases** as listed in Annex I, II and III of Regulation (EU) No 2024/573
- **Food Allergens** as listed in the **Food Allergen Labeling and Consumer Protection Act of 2004**: milk, eggs, fish, Crustacean shellfish, tree nuts, peanuts, wheat, and soybeans
- **Food Allergens** as listed in the **Food and Drug Regulations C.R.C., C. 870 Section B.01.010.1 (Canada)**: any protein from any of the following foods, or any modified protein, including any protein fraction, that is derived from any of the following foods: almonds, Brazil nuts, cashews, hazelnuts,macadamia nuts, pecans, pine nuts, pistachios or walnuts, peanuts, sesame seeds, wheat or triticale, eggs, milk, soybeans, crustaceans, molluscs, fish, mustard seeds.
- **Formaldehyde** (CAS RN 50-00-0)
- **Glutens** (CAS RN 8002-80-0)
- **Glycol Ethers from E and P lists**
- **GLYEO** ([3-(2,3-epoxypropoxy)propyl]triethoxysilane, CAS RN 2602-34-8)
- **GLYMO** ([3-(2,3-epoxypropoxy)propyl]trimethoxysilane CAS RN 2530-83-8)
- **Glyoxal** (CAS RN 107-22-2)
- **Glyphosate** (CAS RN 1071-83-6)
- **Halogens** : Fluorine, Chlorine, Bromine, Iodine
- **Hydroquinone** (CAS RN 123-31-9)
- **Isocyanates,** it includes diisocyanates
- **Isopropylthioxanthone** (ITX, CAS RN 5495-84-1, 83846-86-0)



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- **Latex** (Definition: a white, tacky, aqueous suspension of a hydrocarbon polymer occurring naturally in some species of trees, shrubs, or plants, or made synthetically)
- **Medicinal Product** (Definition: A substance or combination of substances that is intended to treat, prevent or diagnose a disease, or to restore, correct or modify physiological functions by exerting a pharmacological, immunological or metabolic action)
- **Medium Chained Chlorinated Paraffins** as listed in Regulation EC 1907/2006 Annex XIV
- **Melamine** (CAS RN 108-78-1)
- **Metals: Antimony, Arsenic, Barium, Cadmium, Chrome, Cobalt, Copper, Europium, Gadolinium, Iron, Lanthane, lead, Lithium, Magnesium, Managanese, Mercury, Nickel, Potassium, Sodium, Terbium, Zinc**. As we do perform tests on The Product or a representative material of it, we can confirm that those metals are not present in a quantity which would give rise to a migration in food or food simulant higher than the values listed in Annex I or II of (EU) No 10/2011 as amended up to 2025/351, when used under the condition(s) mentioned in our food contact certificate.
- **Mica** (CAS RN 12001-26-2)
- **Michler's ketone** (4,4'-bis(dimethylamino)benzophenone, CAS RN 90-94-8)
- **MOSH** (Mineral Oil Saturated Hydrocarbons), **MOAH** (Mineral Oil Aromatic Hydrocarbons), **Mineral Oil**. However, we inform you that a certain amount of Mineral Oil can be present in some of The Product as a manufacturing process residue up to 2000ppm. This Mineral oil is included in the Union List of the authorized substances for the manufacturing of plastic materials intended to come into contact with food under the FCM 95.
- **N-Ethyl-o(or p)-toluenesulphonamide** (NETSA, CAS RN 8047-99-2)
- **N-Methylpyrrolidone** (NMP, CAS RN 872-50-4)
- **Nitrites**
- **Nitrocellulose** (EC No 936-908-7)
- **Nitrosamines:** We can hereby confirm that we do not use the substances listed below as additive* in The Product. We hereby inform you that to the best of our knowledge nitrosamines compounds will most probably not be present The Product.

  SUBSTANCES: Sodium Nitrite (NaNO2, CAS RN 7632-00-0), Nitrocellulose (EC 936-908-7), Ozone (CAS RN 10028-15-6), Nitrous Acid (HNO2, CAS RN 7782-77-6), Nitric Acid (HNO3, CAS RN 7782-77-6), Nitric Oxid (NO, CAS RN 10102-43-9), Nitrosyl halides (e.g. ClNO, BrNO), Dinitrogen trioxide (N2O3, CAS RN 10544-73-7), Dinitrogen tetraoxide (N2O4, CAS RN 10544-72-6), Organic nitrites (e.g. t-BuONO), Formaldehyde (CAS RN 50-00-0), Amide solvents, N,N-dimethylformamide (DMF, CAS RN 68-12-2), N-Methylpyrrolidone (NMP, CAS RN 120-94-5), N,N-dimethylacetamide (DMA, CAS RN 127-19-5), Hydroxylamine (NH2OH, CAS RN 7803-49-8), N-nitro-N-methyl-4-aminobutyric acid (NMBA, CAS RN 61445-55-4), N-nitrosodiméthylamine (NDMA, CAS RN 62-75-9), N-nitrosométhyléthylamine (CAS RN 10595-95-6), N-nitrosodiethylamine (NDEA, CAS RN 55-18-5), N-nitrosodipropylamine (CAS RN 621-64-7), N-nitrosodibutylamine (CAS RN 924-16-3), N-nitrosomorpholine (CAS RN 59-89-2), N-nitrosopiperidine (CAS RN 100-75-4), N-nitrosopyrrolidine (CAS RN 930-55-2), N-nitrosodiethanolamine (CAS RN 1116-54-7), N-Methyl-N'-Nitro-N-Nitrosoguanidine (CAS RN 70-25-7), N-Nitrosoethyl-n-butylamine (CAS RN 4549-44-4), N'-Nitrosoanabasine (CAS RN 37620-20-5), 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanol (CAS RN 76014-81-8), 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanone (CAS RN 64091-91-4), N-Nitrososarcosine (CAS RN 13256-22-9), N-Nitrosonornicotine (CAS RN 16543-55-8), 3-(N-methylnitrosamino) propionic acid (CAS RN 10478-42-9), 4-(N-methylnitrosamino) butyric acid, Nitrosoazetidine-4-carboxylic acid (CAS RN 30248-47-6), N-nitrosodiphenylamine (CAS RN 86-30-6), Nitroso-diisopropylamine (CAS RN 601-77-4), N-nitroso N-methyl N phenylamine (CAS RN 614-00-6), N-nitroso N-ethyl N-phenylamine (CAS RN 612-64-6), N-nitroso dibenzylamine (CAS RN 5336-53-8), 1-nitroso-2,3-dihydropyrrole (CAS RN 37449-28-8), N-nitrosodicyclohexylamine (CAS RN 947-92-2), N-nitrosodiisononylamine (CAS RN 643014-99-7), N-Nitrosodimethylamine (NDMA, CAS RN 62-75-9), N,N-diethylacetamide (DEA, CAS RN 685-91-6), Triethylamine (CAS RN 121-44-8), Diethylamine (CAS RN 109-89-7), Monoethylamine (CAS RN 75-04-7), Dimethylamine (CAS RN 124-40-3), Trimethylamine (CAS RN 75-50-3), Tributylamine (TBA, CAS RN 102-82-9), Tetra Butyl Ammonium Bromide (TBAB, CAS RN 1643-19-2), N-Methylmorpholine (NMM, CAS RN 109-02-4), N,N-Diisopropylethylamine (DIPEA, CAS RN 7087-68-5), Diethanolamine (CAS RN 111-42-2), 3,5,5-trimethyl-N-nitroso-N-(3,5,5-trimethylhexyl)-1-hexanamine (CAS RN 1207995-62-7), Diisobutylnitrosoamine (CAS RN 997-95-5)
- **Nitrosating agents**: sodium nitrite, nitrous acid, nitrous anhydride, and nitrosyl halides
- **Nonylphenol And Nonylphenolethoxylates** as listed in Regulation 1907/2006/EC Annex XVII
- **Organotin Compounds**: Monobutyltin Cation (MBT), Dibutyltin Cation (DBT), Dioctyl Tin (DOT), Tributyltin Cation (TBT), Triphenyltin Cation (TPT) and Tributyltin Oxide (TBTO)



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- **Ozone-Depleting Substances** (Regulation EU 2024/590 – Annex I and II; The Montreal Protocol on Substances that deplete the Ozone Layer; Clean Air Act, USA). CFCs, Halons, Other fully halogenated CFCs, Carbon tetrachloride, 1,1,1-Trichloroethane (Methyl chloroform), Hydrochlorofluorocarbons (HCFC), Hydrobromofluorocarbons (HBFC), Methyl bromide, Bromochloromethane.
- **Oxo-degradable substances.** We can confirm that The Product doesn't fulfil the definition of oxo-degradable plastic as defined in the Directive (EU) 2019/904 of the European Parliament and of the Council of 5 June 2019 on the reduction of the impact of certain plastic products on the environment.
- **Palm Oil** (CAS RN 8002-75-3)
- **Parabens** as listed in Annex II and V of the Cosmetic Regulation 1223/2009/EC
- **Pentachlorophenol and its salts and esters** as listed in Regulation 1907/2006/EC Annex XVII
- **Perfluorooctane sulfonic Acid and its derivatives (PFOS)** as listed in Regulation (EU) 2019/1021 on Persistant Organic pollutants
- **Perfluorooctanoic acid (PFOA**, CAS RN 335-67-1) and its salts as listed in Entry 68 of Annex XVII of Regulation (EC) No 1907/2006
- **Persistent Organic Pollutants (POP)** as listed in Annex I to Annex VI of Regulation (EU) 2019/1021
- **Pesticides, Herbicides** as defined in Article 2 of The Regulation (EC) No 1107/2009
- **Phthalates.** Nevertheless, we inform you that traces of Phthalates may be present in some of our polypropylene grades as catalyst modifier residues. The maximum residue would not exceed 0.25 ppm.
- **Pigments and Dyes**
- **Polybromobiphenyls** and **polybromodiphenylethers**, this includes penta-, octa-, decabromobiphenylethers
- **Polycarbonate** (CAS RN 25037-45-0)
- **Polychlorinated biphenyls** (PCB)
- **Polychlorinated Naphtalenes** (PCN)
- **Polychlorinated Terphenyls** (PCT)
- **Polycyclic Aromatic Hydrocarbons (PAH)** as listed in Regulation EC 1907/2006 Annex XVII. We inform you that The Product or a representative material of it was tested using the method AfPS GS 2019:01 PAK and The Product or the representative material of it passed the test.
- **Polystyrene** (CAS RN 9003-53-6, 9003-55-8)
- **Polyvinylchloride (PVC), Vinyl chloride Monomer, Polyvinylidene Chloride (PVDC), Vinylidene Chloride Monomer**
- **Radioactive substances** as defined in Directive 96/29/EURATOM
- **Recycled Materials** as defined in Commission Regulation 2022/1616/EU
- **Resorcinol** (1,3-benzenediol, CAS RN 108-46-3)
- **Rosin** (Colophony, CAS RN 8050-09-7)
- **Semicarbazide** (CAS RN 563-41-7) **/ Azodicarbonamide** (CAS RN 123-77-3)
- **Short Chained chlorinated Paraffins** as listed in Regulation EC 1907/2006 Annex XVII
- **Silicone** (CAS RN 63148-53-8, 63394-02-5, 90337-93-2, 63148-62-9)
- **Silver** and substances containing silver
- **Substances from human origin**
- **Thiuram Mix** (contains the following four substances: Tetramethylthiuram monosulfide, Disulfiram, Tetramethylthiuram disulfide, and Dipentamethylenethiuram disulfide)
- **Styrene** (CAS RN 100-42-5)
- **Titanium Acetyl Acetonate** (TAA, CAS RN 17927-72-9)



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- **2,4,4'-Trichloro-2'-hydrodiphenylether** (Triclosan, CAS RN 3380-34-5)
- **Tris(Nonylphenyl)phosphite** (TNPP, CAS RN 26523-78-4)
- **TSCA Section 6(h) | US EPA :** Phenol, isopropylated, phosphate (3:1) (CAS RN 68937-41-7), Bis(pentabromophenyl) ether (CAS RN 1163-19-5), 2,4,6-tri-tert-butylphenol (CAS RN 732-26-3), Hexachlorobuta-1,3-diene (CAS RN 87-68-3), Pentachlorobenzenethiol (CAS RN 133-49-3)

However, since we do not systematically perform specific test to verify the potential presence of these substances in The Product, we cannot guarantee that there is no trace amount of these substances, as impurity or otherwise, in The Product. Moreover, it cannot be excluded that in specific conditions of processing or incineration certain of the above-mentioned substances might be generated as mentioned in the relevant safety data sheet.

**Please note that you may also find information to the presence/absence of susbtances in our other documents like our Certificates for food contact applications (in Europe, Mercosur, China, Swiss), in our certificate for Toys application or in our SVHC statement. Those certificates include information related to substances wich are under restrictions under the corresponding regulations. You may find those certificates on the website of TotalEnergies.**

## DISCLAIMER

Our Regulatory Information Sheet does not cover:

- any modification of The Product by any addition of any other product to it,
- any prejudicial modification of The Product resulting from a processing of The Product,
- an inadequate use and/or storage of The Product and of the finished articles.

Before using The Product mentioned herein, customers and other users should take all care in determining the suitability of such product for the intended use.
Unless specifically indicated, the products mentioned herein are not suitable for applications in the pharmaceutical or medical sector. Under no circumstances are any products sold by TotalEnergies Refining & Chemicals suitable for human in the following applications: (i) implantable devices intended for human or animal body (ii) Devices intended to be used in contact with internal body fluids (iii) Devices intended to be used in contact with internal body tissues. The Companies within TotalEnergies Refining & Chemicals do not accept any liability whatsoever arising from the use of this information or the use, application or processing of any product described herein. No information contained in this publication can be considered as a suggestion to infringe patents. The Companies disclaim any liability that may be claimed for infringement or alleged infringement of patents.

Information contained in this publication is true and accurate at the time of publication and to the best of our knowledge. The present Regulatory Information Sheet is based on the status of the legislation at the date written above and is valid until end of December 2028. This publication cancels and supersedes any prior version thereof. In case you need more information, please contact the Sales Representative or contact us at the following e-mail rc-pol-kapsa-bxl@totalenergies.com.

We are at your disposal for any further information you may need and remain,

Yours faithfully
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