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Declaration of Conformity

with the legislations mentioned hereafter

Version 2025.00

January 2025

Sumitomo Polyethylene - LLDPE

Grade FS150A

Manufactured by Petro Rabigh (Kingdom of Saudi Arabia)

Based on current and available information, we declare that the above-mentioned product complies with the requirements of:

1935/2004/EC - Food Contact Materials - Framework Regulation

10/2011 - European Commission Regulation on plastic materials and articles intended to come into contact with food amended by (EU) 2023/1627.

2023/2006 - Good Manufacturing Practice for materials and articles intended for food contact.

CONEG - Coalition of Northeastern Governors

94/62/EC - Packaging and Packaging Waste Directive and its amendments

1005/2009/EC - Substances that deplete the ozone layer.

1895/2005/EC - Restriction on the Use of certain epoxy derivates (BADGE, NOGE & BFDGE) in materials and articles intended for food contact.

2000/53/EC - End of Live Vehicles Directive and its amendments

2023/2006 - Good Manufacturing Practice for materials and articles intended for contacting food.

2011/65/EC - EC Council Directive 2011/65/EC (RoHS 2) and its amendment Commission Delegated Directive (EU) 2015/863 of 31 March 2015, 2017/2102/EU of 15 November 2017, 2019/1846/EU of 8 August 2019 (on the restriction of the use of certain hazardous substances in electrical and electronic equipment)

2003/89/CE - Restriction on food allergens

GADSL - Global Automotive Declarable Substance List

Standard EN71 - Safety of toys, part 3 (2013): “Migration of certain elements” (EU2009/48/EC)

1169/2011 - Restriction on food allergens -Annex II

1223/2009 - Cosmetics – Annex III

850/2004/EC - Persistent organic pollutants (POP’s) – Annex I, II, III & IV

Stockholm Convention list of Persistent Organic Pollutants (POP) Annex A as amended.

2006/125/EC - Cereal based food – Annex VI & VII

California’s Safe Drinking Water and Toxic Enforcement Act (Proposition 65), December 29, 2023.

FDA regulation

EU 2019/1021 - Persistent Organic Pollutants as per regulation (EU) 2019/1021

Endocrine Disruptors: ECHA list updated June 12, 2023.

Endocrine Disruptors: ECHA ED list updated June 2024. Substances identified as endocrine disruptors at EU level | Endocrine Disruptor List (edlists.org)

Declaration of Conformity

Sumitomo Polyethylene – LLDPE

Grade FS150A vs 2024.05.

Endocrine disruptors substance list updated on 05 July 2024. Endocrine disruptor assessment list - ECHA (europa.eu)

Japan Positive List: November 30, 2023.

Commission Regulation EU 2023/1545 of 26 July 2023 amending Regulation EC 1223/2009 of the European Parliament and of the Council as regards labelling of fragrance allergens in cosmetic products.

Mercosur.

Avisa.

Commission regulation EU 2024/1328 of May 16th, 2024, amending Annex XVII to Regulation EC 1907/2006.

EU 2024/3190 on the ban of Bisphenol A.

EU 2024/590 on ozone depleting substances

Unmodified the above-mentioned Sumitomo Polyethylene LLDPE grade complies with the requirements for materials used in articles or components of articles intended for food contact as described in:

European Union EU:

- Commission Regulation (EU) No. 10/2011 of January 14, 2011, amended by (EU) 2023/1627, Annex I to Regulation EU 10/2011 as regards the authorization of the substance bis (2-ethylhexyl) cyclohexane-1,4-dicarboxylate (FCM No 1079). Provided that the final articles contacting food comply with general provisions for food contact material and does not endanger human health or bring about an unacceptable change in the composition of the food or bring about a deterioration in the organoleptic characteristics thereof.

  The final articles contacting food must comply with the overall migration limit of 10 mg/dm2 contact surface or 60 mg/kg food.

  This material contains no monomers which are regulated with a specific migration limit (SML). This material contains an additive which is regulated with a specific migration limit (SML) and contains dual use additives which can be disclosed for the purpose of assessment of the compliance after signing of a confidentiality agreement.

  Specific Restrictions:

  The specific migration has been evaluated by migration simulation with the software Migratest Lite based on the initial content, a migration layer thickness of 0.025 cm and a default surface/volume ratio of 6 dm2 per kg foodstuff for 3% Acetic Acid (representing aqueous food) and Olive Oil (representing fatty food). Simulations have been conducted up to a maximum application temperature of 100°C.

  Aqueous food: FS150A or similar resin meets the specific migration limit met when it contacts aqueous food.

  Fatty food (>20% fat): For Olive Oil an equilibrium concentration of 11.46 mg/kg food has been evaluated. Based on the application of the fat reduction factor FRF of 1.9 for food containing more than 38% (acc. to Reg. (EU) No. 10/2011, Annex V, 4.), the specific migration limit for any layer thickness and anytime and temperature condition is met provided that also an eventually listed food specific D2 reduction factor according to Annex III of Reg. (EU) No. 10/2011 is considered. With a layer thickness of 120 µm FS150A or similar resin, the SML is met under all time and temperature conditions for all kinds of food.

  This material has been manufactured in accordance with the relevant requirements of Commission Regulation EC No. 2023/2006 on good manufacturing practice for materials and articles intended for food contact.

  This grade also meets the relevant requirements of framework Regulation 1935/2004/EC (27/10/2004) on materials and articles intended for food contact.

This grade is complianct with all previous amendments of Commission Regulation (EU) No. 10/2011 including this amendment.

United States of America (USA):

- FDA, CFR, Title 21 (2011) §177.1520(a)(3)(i) for Olefin polymers; extraction test results conducted on FS150A, or similar resin meet extraction limits specified by FDA 21 CFR §177.1520(c)3.1a and 3.2a (specification)

Belgium:

- Koninklijk Besluit/Arrêté Royal 3.07.2005, Annex Chapter I, Lists 1-6" incl. subsequent amendments like "Koninklijk Besluit/Arrêté Royal 5.07.2006", "Koninklijk Besluit/Arrêté Royal 18.09.2008" and Koninklijk Besluit/Arrêté Royal 8.03.2009".

France:

- Arrêté du 2 janvier 2003, Journal Officiel de la République Française, n°24¨ (29.1.2003) incl. subsequent amendments like ¨Arrêté du 19 octobre 2006, Journal Officiel de la République Française¨ (10.11.2006)

Germany:

- ¨Bedarfgegenständeverordnung (BedGgstV), Anlage 3 (Stoffe und Erzeugnisse fur die Herstellung von Lebensmittelbedarfsgegenstanden), last amended on December 13th, 2011.
- BfR, Empfelung III, Stand vom 1.3.2011."

Italy:

- ¨Decreto Ministeriale del – 21.03.1973, (Disciplina igienica degli imballaggi, recipienti, utensili, destinati a venire in contatto con le sostanze alimentari o con sostanze d'uso personale) last amended by Decreto Ministeriale n° 113 del 18/05/2010.

Netherlands:

- Commodity Act Packaging and Food Utensils Regulation of The Netherlands of 20.11.1979 and its amendments up to and including VGP/VC 2979366 (12.01.2010)

Spain:

- ¨Real Decreto 847/2011, de 17 de junio, por el que se establece la lista positiva de sustancias permitidas para la fabricacion de materiales polimricos destinados a entrar en contacto con los alimentos

Switzerland:

- ''Verordnung uber Bedarfsgegenstande, SR 817.023.21, stand 1 May 2011 in update 01 December 2020.

United Kingdom:

- ''Statutory Instruments 2012, No 2619, The Plastic Materials and Articles in Contact with Food (England) Regulations 2012''.

India:

- S 16738 Positive list of constituents for polypropylene, polyethylene and their copolymers for its safe use in contact with foodstuffs and pharmaceuticals.

China:

According to the production recipe of LLDPE FS150A we hereby declare that this product complies with:

- **GB 4806.1-2016** Food Safety National Standard for General Safety Requirements for Food-Contact Materials and Articles.
- **GB 4806.7-2023** Food Safety National Standard for Food-Contact Use Plastic Materials and Articles.
- All additives used in **LLDPE FS150A** are listed in **GB 9865-2016**National Food Safety Standard – Standard for the use of additives for food contact materials and articles and its amendments.
- **GB 31603-2015** National Food Safety Standard – General Health Code for Production of Food-contacted Materials and Products.
- **GB 31604.8-2021** National Food Safety Standard – Food contact materials and products – Determination of total migration: tested with 1 mm for general usage under general conditions considering data of migration tests under 10% Ethanol at 40 °C for 10 days.

Japan

- According to the production recipe of FS150A, we hereby confirm that FS150A is compliant with Japan Positive List as per Ministry of Health and Labor Welfare, latest list update: November 30, 2023.

Mercosur:

- Monomers of LLDPE FS150A are listed on Resolution GMC No. 02/12 “Reglemento Técnico Mercosur sobre lista positive de monómeros, otras sustancias de partida y polímeros aotorizadaos para la elaboración de envases y equipamientos plásticos en contacto con alimentos” and amendment up to and including Resolution GMC No. 19/21.

Anvisa:

- Monomers and other starting substances (Resolution RDC No. 56, 11/16/2012, Annex, List I).

These food declarations apply to FS150A as it leaves Petro Rabigh (PRC) production facility and does not cover any components, additives, pigments, etc. subsequently incorporated in the production.
As the above-mentioned regulations continuously develop, our declaration will be updated accordingly. Therefore, we advise the receivers to ask us periodically about the update.

EU 2024/1328:

According to the production recipe of LLDPE FS150A we declare herby compliance of this product with Commission Regulation EU 2024/1328 of May 16th, 2024, amending Annex XVII to Regulation EC 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) as regards octamethylcyclotetrasiloxane (D4), decamethylcyclopentasilixane (D5) and dodecamethylcyclohexasilixane (D6).

And the substances octamethylcyclotetrasiloxane (D4), decamethylcyclopentasilixane (D5) and dodecamethylcyclohexasilixane (D6) are not intentionally added or used during the manufacturing of LLDPE Fs150A.

Halal statement:

Petro Rabigh does not have any certification of compliance regarding the Halal guidelines, however, we can declare that our products are manufactured using synthetic processes from petrochemical derivatives.

Based on the manufacturing process, raw materials, process chemicals, and additives used, we hereby declare that the listed materials below are not used, or intentionally added, in formulation, and therefore, not expected to be present in the finished product.

- Animal derivative materials: cattle, goat, sheep, insects, fish, porcine, poultry; blood or blood derivatives.

- Plant derived materials, grains, grapes.
- Fermented materials, ethanol, ethanol derived materials.

Non-use of PFAS:

Perfluoroalkyl and Polyfluoroalkyl substances (PFAS) are not used in the production of or added to FS150A. OECD definition of PFAS: "PFASs are defined as fluorinated substances that contain at least one **fully fluorinated methyl or methylene carbon atom (without any H/Cl/Br/I atom attached to it)**, i.e., with a few noted exceptions, any chemical with at least a perfluorinated methyl group ($-CF_3$) or a perfluorinated methylene group ($-CF_2-$) is a PFAS". The "noted exceptions" refer to a carbon atom with a H/Cl/Br/I atom attached to it.

The hereafter mentioned substances as such have not been intentionally used or added for the production or the formulation of our above-mentioned Polyethylene LLDPE grade:

- 2-(2-aminoethylamino) ethanol
- 1,2-benzenedicarboxylic acid, di-C8-10- branched alkyl esters, C9-rich
- 1,3-butadien
- 1.2-cyclohexanedicarboxylic acid diisononyl ester (DINCH)
- 1-chloro-2,3-epoxypropane
- 2-Chloracetamid
- 1,3-dihydroxybenzene (Resorcinol)
- 2-ethylhexylhexanoic acid
- 2,3-epoxypropyl methacrylate; glycidyl methacrylate
- 2-naphtylamine & its salts
- 4-aminobiphenyl & its salts
- 4,4'methylenedianiline
- 4-nitrobiphenyl & its salts
- 2,4-dihydroxybensofenon, Bensofenon-1
- 4,4'-dihydroxybensofenon
- 4-tert-butylfenol
- Adipates
- Adipic acid (CAS 124-04-9) and derivates
- Acrylates
- Aluminum Silicate (CAS 12141-46-7)
- Animal origin: FS150A is free of any substances of animal origin (BSE / TSE)
- Ammonium perfluorooctanoate
- Antimony trioxide
- Antimony Tris (Ethylene Glycoxide)
- Sulfur (S), hexavalent Chromium (Cr^{VI})
- Anthraquinones or anthraquinone-containing substances
- Aziridine
- Bamboo flour
- Benzidine & its salts
- Bis(chloromethyl)ether (BCME)
- Bisphenols
- Bis (2-ethylhexyl) phthalate (DEHP)
- Bovine Spongiform Encephalopathy (BSE)
- Buta-1,3-diene
- Butyl benzyl phthalate (BBP)
- Chlorhexidine (CAS 55-56-1)
- Citrates
- Citric acid (CAS 77-92-9) and derivates
- Corn flour
- Colorants:
    - All the materials listed in Resolution AP(89)1 (use of colorants in plastic materials coming into contact with food)

  - Amaranth coloring
  - Bordeaux S
  - Yellow tartrazine coloring
- Diantimony trioxide (CAS 1309-64-4)
- Dibutyl phthalate (DBP)
- Diethylhexyl Malate (CAS 142-16-5)
- Diethyl phthalate (DEP) (CAS 84-66-2)
- Diisobutyl phthalate (DIBP) (CAS 84-69-5)
- Dithiocarbamate
- Epichlorohydrin
- Ethylhexyl methoxycinnamates (5466-77-3)
- Etocrilene (5232-99-5)
- Fenocarb
- Flour
- Glycidyl methacrylate
- Glycol ethers
- Homosalate (118-56-9)
- Chloroethene
- Carbon monoxide
- DETX (2,4-diethylthioxanthone)
- Isoprene
- Lupine and derivative products
- Methyloxirane
- Mollusks and derivative products
- Monosodium glutamate
- Organotin Compounds
- Octocrylene (6197-30-4): UV-absorber 3039
- PEG & derivates
- Petroleum stocks
- Phenylalanine
- Photo initiators and monomeric photo initiators
- Phthalates - a very low level of phthalates (typical value less than 15.0 ppm based on mass balance calc.) may be found, originated from the used catalyst system
- Pine
- Plastic microparticles (e.g., from PA, PE, PES, PET, PI, PP, PUR)
- Polyacrylonitrile
- Poly aminopropyl biguanide (PAPB)
- Polychlorinated dibenzo-dioxins (PCDDs) and Polychlorinated dibenzo-furans (PCDFs)
- Polypropylene glycol (PPG)
- Products derived from: Jatropha plant.
- Resorcinol
- Silicates:
  - Sodium aluminum silicate (CAS 1344-00-9, CAS 12141-46-7)
  - Potassium aluminum silicate (CAS 1327-44-2)
  - Calcium aluminosilicate (CAS 1327-39-5)
  - Bentonite, Wilkinite (CAS 1302-78-9)
  - Kaolin (CAS 1332-58-7)
- Sodium tetraborate
- Substances of animal origin
- Substances listed in:
  - Any substance classified as carcinogenic, mutagenic, or toxic to reproduction (CMR)
  - GADSL – Global Automotive Declarable Substance List version 1.0 of 2020 updated on 1 February 2021.
  - California's Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) December 29, 2023.
  - Chemical weapon convention List I, II, III
  - US Conflict Mineral substances: Columbite-tantalite (coltan), Cassiterite, Gold, Wolframite, Tantalum, Tin and Tungsten
  - Ozon depleting substances according to the Montreal protocol.
  - EU regulation 850/2004/EC annex I, II, III & IV (POP's)

- EU regulation 2006/125/EC annex VI & VII (pesticides)
- EU Regulation 1223/2009 annex III (cosmetic regulation)
- EU Regulation 1169/2011, Annex II (allergens)
- Annex XVII of REACH legislation, (List of restrictions on the manufacture, placing on the market and use of certain dangerous chemical substances, mixtures, and articles)
- TSCA (USA) Listed
- EU 2019/1021 regulation on Persistent Organic Pollutants POPs
- Endocrine Disruptors, ECHA list, updated June 12, 2023.
- EU 2023/1545 of 26 July 2023, amending regulation EC 1223/2009 as regards labelling of fragrance allergens in cosmetic products.

- Thiurams
- Transmissible Spongiform Encephalopathy (TSE)
- UV-137, (2-(5-klor-2H-bensotriazol-2-yl)-4,6-bis(1,1-dimetyletyl) phenol)
- Vinylidene chloride
- Waxes
- Yellow phosphorous

Non-use of chemical substances: 01 – 12 - 2024

	Substance name	Abbreviation	CAS number
1	[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride	-	-
2	1-(p-Methoxyphenyl)-1-penten-3-one	-	104-27-8
3	1, 4-Butanediol = 1,4-Butylenglykol	-	110-63-4
4	1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14-Nonacosafluoro-14-iodotetradecane	-	307-63-1
5	1,2-Benzisothiazol- 3(2H)-one	BIT	2634-33-5
6	1,2-Bis(pentabromophenyl) ethane	DBDPE	84852-53-9
7	1,2-Heptadecanediol, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15, 15,16,16,17,17,17-nonacosafluoro-, 1-(dihydrogen phosphate)	-	94200-43-8
8	1,2-Heptadecanediol, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15, 15,16,16,17,17,17-nonacosafluoro-, 1-(dihydrogen phosphate), diammonium salt	-	94200-48-3
9	1,2-Pentadecanediol, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,15,15, 15-tetracosafluoro-14-(trifluoromethyl)-, 1-(dihydrogen phosphate)	-	63295-28-3
10	1,2-Pentadecanediol, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,15-pentacosafluoro-, 1-(dihydrogen phosphate)	-	94200-42-7
11	1,2-Pentadecanediol, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15, 15,15-pentacosafluoro-, 1-(dihydrogen phosphate), diammonium salt	-	94200-47-2
12	1,2-Pentadecanediol, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,15,15, 15-tetracosafluoro-14-(trifluoromethyl)-, 1-(dihydrogen phosphate), diammonium salt	-	94200-51-8
13	1,2-Tridecanediol, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,13heneicosafluoro-, 1-(dihydrogen phosphate)	-	94158-70-0
14	1,2-Tridecanediol, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,13heneicosafluoro-, 1-(dihydrogen phosphate), diammonium salt	-	94200-46-1
15	1,2-Tridecanediol, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,13,13,13eicosafluoro-12-(trifluoromethyl)-, 1-(dihydrogen phosphate)	-	63295-27-2
16	1,2-Tridecanediol, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,13,13,13-eicosafluoro-12-(trifluoromethyl)-, 1-(dihydrogen phosphate), diammonium salt	-	94200-50-7
17	1,3-Propanediol, 2,2-bis(bromomethyl)-, reaction products with ethanethiol-tetrafluoroethylene telomer, polymers with 1,6-diisocyanato-2,2,4(or 2,4,4)trimethylhexane, 2-heptyl-3,4-bis(9-isocyanatononyl)-1pentylcyclohexane and 2,2'-(methylimino)bis[ethanol]	-	144468-32-6
18	1,3-Propanediol, 2,2-bis[[(γ-ω-perfluoro-C4-10alkyl)thio]methyl] derivs., phosphates	-	148240-84-0

19	1,4-Benzenediamine, N, N '-Mixed Ph and tolyl derivatives	-	68953-83-3
20	1,4-Benzenediamine, N, N '-Mixed tolyl and xylyl derivatives	-	68478-45-5
21	1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof	4-MBC	36861-47-9
22	1-[(2-amino-7H-purin-6-yl) oxy]-3-methylbutan-2-one	MBP	-
23	1-Decanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10heptadecafluoro-	-	678-39-7
24	1-Dodecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12heneicosafluoro-, 1,1'-(hydrogen phosphate)	10:2 diPAP	1895-26-7
25	1-Dodecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12heneicosafluoro-	10:2 FTOH	865-86-1
26	1-Eicosanol,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14, ,15,15,16,16,17,17,18,18,19,19,20,20,20heptatriacontafluoro-	18:2 FTOH	65104-65-6
27	1-Hexadecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,,15,15,16,16,16-nonacosafluoro-	14:2 FTOH	60699-51-6
28	1-Octadecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14 ,15,15,16,16,17,17,18,18,18-tritriacontafluoro-	-	65104-67-8
29	1-Pentadecanaminium, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15, 15,15-pentacosafluoro-2-hydroxy-N,N-bis(2hydroxyethyl)-N-methyl-, iodide (1:1)	-	93776-16-0
30	1-Pentadecanaminium, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,15,15, 15-tetracosafluoro-2-hydroxy-N,N-bis(2-hydroxyethyl)N-methyl-14-(trifluoromethyl)-, iodide (1:1)	-	94159-76-9
31	1-Propanaminium, 2-hydroxy-N,N,N-trimethyl-, 3-[(γ-ωperfluoro-C6-20-alkyl)thio] derivs., chlorides	-	70983-60-7
32	1-Propanaminium, 3-[[4-[(heptadecafluorononen-1yl)oxy]benzoyl]amino]-N,N,N-trimethyl-, iodide (1:1)	-	59493-72-0
33	1-Propanaminium, N-(2-carboxyethyl)-3-[(4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,13heneicosafluoro-2-hydroxytridecyl)amino]-N,Ndimethyl-, inner salt	-	93776-13-7
34	1-Propanaminium, N-(2-carboxyethyl)-N,N-dimethyl-3[(4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,1 5,15,15-pentacosafluoro-2-hydroxypentadecyl)amino]-, inner salt	-	93776-12-6
35	1-Propanaminium, N-(2-carboxyethyl)-N,N-dimethyl-3[[4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,15,1 5,15-tetracosafluoro-2-hydroxy-14-(trifluoromethyl)pentadecyl]amino]-, inner salt	-	93776-15-9
36	1-Propanesulfonic acid, 2-methyl-, 2-[[1-oxo-3-[(γ-ωperfluoro-C4-16-alkyl)thio]propyl]amino] derivs., sodium salts	-	68187-47-3
37	1-Tetradecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14 ,14-pentacosafluoro-	12:2 FTOH	39239-77-5
38	1-Tridecanaminium, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,13heneicosafluoro-2-hydroxy-N,N-bis(2-hydroxyethyl)-Nmethyl-, iodide (1:1)	-	93776-17-1
39	2- (2-Aminoethylamino) ethanol	-	111-41-1
40	2-(2H-1,2,3-benzotriazole-2-yl)-4,6-ditert-butylphenol,	-	-
41	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3tetramethylbutyl)phenol	-	3147-75-9
42	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	-	119344-86-4
43	2,2'-dimethoxy-2-phenylacetophenone	-	24650-42-8
44	2,3,4,5,6-Pentachlorobenzenethiol	-	133-49-3
45	2,4,4'-trichloro-2'-hydroxydiphenyl ether (Triclosan,	-	3380-34-5
46	2,4,6-Tri-tert-butylphenol	2.4.6 TTBP	732-26-3
47	2,4-Dihydroxy-3-methylbenzaldehyde	-	6248-20-0
48	2,6-DIISOPROPYLNAPHTHALENE	DIPN	24157-81-1
49	2-Ethoxyethanol	-	110-80-5
50	2-Ethyl hexyl acrylate	-	103-11-7
51	2-Ethylhexylhexanoic acid	-	7425-14-1
52	2-Ethyl-N- (2-ethylphenyl) benzenamine, (tripropenyl) derivative	-	68608-77-5

53	2H-Pyran, 2,2,3,3,4,4,5,5,6-nonafluorotetrahydro-6-(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9 nonadecafluorononyl)-	-	68155-54-4
54	2-methoxy-2-methylbutane	-	994-05-8
55	2-Methoxyethanol	-	109-86-4
56	2-napthalenecarboxylic acid 3-hydroxy-4-[(4-methyl-2sulfophenyl)azo]-,barium salt (1:1)	-	5281-40-9
57	2-napthalenecarboxylic acid 4-[(5-chloro-4-methyl-2sulfophenyl)azo]-3-hydroxy-,barium salt (1:1)	-	7585-41-3
58	2-Nitropropane	-	79-46-9
59	2-Oxepanone, homopolymer, decyl perfluoro-C8-14alkyl esters, reaction products with 1H-imidazole-1propanamine, polyethylene-polypropylene glycol and TDI homopolymer	-	332076-28-5
60	2-Oxepanone, homopolymer, decyl perfluoro-C8-14alkyl esters, reaction products with 1H-imidazole-1propanamine and TDI homopolymer	-	332076-33-2
61	2-Oxepanone, homopolymer, decyl perfluoro-C8-14alkyl esters, reaction products with 1H-imidazole-1propanamine, polyethylene glycol and TDI homopolymer	-	332076-34-3
62	2-Pentadecanol, 1,1'-[oxybis[(1-methyl-2,1- ethanediyl)oxy]] bis [4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,1 2,12,13,13,14,14,15,15,15-pentacosafluoro-	-	93776-00-2
63	2-Pentadecanol, 1-[[3-(dimethylamino)propyl]amino] ,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15, 15,15 -pentacosafluoro-	-	94159-79-2
64	2-Pentadecanol, 1-[[3-(dimethylamino)propyl]amino] 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,15,15, 15- tetracosafluoro-14-(trifluoromethyl)-	-	94159-82-7
65	2-Pentylidene-cyclohexanone	-	25677-40-1
66	2-Propen-1-ol, reaction products with 1,1,1,2,2pentafluoro-2-iodoethane-tetrafluoroethylene telomer, dehydroiodinated, reaction products with epichlorohydrin and triethylenetetramine	-	464178-90-3
67	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12 heneicosafluorododecyl ester	10:2 FTMAC	2144-54-9
68	2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymers with δ-ω-perfluoro-C10-16-alkyl acrylate and vinyl acetate	-	174125-96-3
69	2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymers with Bu acrylate, γ-ω-perfluoro-C8-14alkyl acrylate and polyethylene glycol monomethacrylate, 2,2'-(1,2-diazenediyl)bis[2,4dimethylpentanenitrile]-initiated	-	150135-57-2
70	2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymers with γ-ω-perfluoro-C10-16-alkyl acrylate and vinyl acetate, acetates	-	196316-34-4
71	2-Propenoic acid, 2-methyl-, 2-ethylhexyl ester, polymers with maleic anhydride, 2-[[(2-mercaptoethoxy)carbonyl]amino]ethyl methacrylate, γω-perfluoro-C8-16-alkyl acrylate and stearyl methacrylate	-	333784-46-6
72	2-Propenoic acid, 2-methyl-, 2-methylpropyl ester, polymer with butyl 2-propenoate and 2,5-furandione, γω-perfluoro-C8-14-alkyl esters, tert-Bu benzenecarboperoxoate-initiated	-	459415-06-6
73	2-Propenoic acid, 2-methyl-, 2-methylpropyl ester, polymer with butyl 2-propenoate and 2,5-furandione, γ-ω-perfluoro-C8-14-alkyl esters, tert-Bu benzenecarboperoxoate-initiated	-	459415-06-6
74	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12 heneicosafluorododecyl ester, polymer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-methyl-2-propenoate, methyl 2methyl-2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14 ,14 -pentacosafluorotetradecyl 2-methyl-2-propenoate and 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl 2-methyl2-propenoate	-	65104-45-2
75	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,12,12,12eicosafluoro-11-(trifluoromethyl)dodecyl ester	-	74256-14-7
76	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,14,14,14 -tetracosafluoro-13-(trifluoromethyl)tetradecyl ester	-	74256-15-8
77	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14 ,14-pentacosafluorotetradecyl ester	12:2 FTMAC	6014-75-1
78	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14	14:2 FTMAC	4980-53-4

	,15,15,16,16,16-nonacosafluorohexadecyl ester		
79	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14 ,15,15,16,16,17,17,18,18,18-tritriacontafluorooctadecyl ester	16:2 FTMAC	59778-97-1
80	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14 ,15,15,16,16,17,17,18,18,19,19,20,20,20 heptatriacontafluoroeicosyl ester	18:2 FTMAC	65104-66-7
81	2-Propenoic acid, 2-methyl-, 3-chloro-2-hydroxypropyl ester, polymers with 2,3-dihydroxypropyl methacrylate, γ-ω-perfluoro-C8-16-alkyl acrylate, polyethylene glycol methacrylate Me ether and polypropylene glycol monomethacrylate	-	333784-44-4
82	2-Propenoic acid, 2-methyl-, 3-chloro-2-hydroxypropyl ester, polymer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12 heneicosafluorododecyl 2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-propenoate, N-(hydroxymethyl)-2-propenamide, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,16-nonacosafluorohexadecyl 2-propenoate, octadecyl 2-propenoate and 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,,14- pentacosafluorotetradecyl 2-propenoate	-	119973-85-2
83	2-Propenoic acid, 2-methyl-, 3-chloro-2-hydroxypropyl ester, polymer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12 heneicosafluorododecyl 2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-propenoate, N-(hydroxymethyl)-2-propenamide, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14 ,15,15,16,16,16-nonacosafluorohexadecyl 2-propenoate, octadecyl 2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafluorotetradecyl 2-propenoate and 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl 2-propenoat	-	1094598-90-9
84	2-Propenoic acid, 2-methyl-, 3-chloro-2-hydroxypropyl ester, polymers with N-(1,1-dimethyl-3-oxobutyl)-2propenamide, 2-ethylhexyl acrylate, γ-ω-perfluoro-C816-alkyl acrylate, stearyl acrylate and vinyl chloride, 2,2'azobis[2-methylpropanimidamide] dihydrochlorideinitiated	-	325966-78-7
85	2-Propenoic acid, 2-methyl-, C10-16-alkyl esters, polymers with 2-hydroxyethyl methacrylate, Me methacrylate and α-ω-perfluoro-C8-14-alkyl acrylate	-	125328-29-2
86	2-Propenoic acid, 2-methyl-, C10-16-alkyl esters, polymers with 2-hydroxyethyl methacrylate, Me methacrylate and γ-ω-perfluoro-C8-14-alkyl acrylate	-	129783-45-5
87	2-Propenoic acid, 2-methyl-, hexadecyl ester, polymers with 2-hydroxyethyl methacrylate, γ-ω-perfluoro-C1016-alkyl acrylate and stearyl methacrylate	-	203743-03-7
88	2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,14,14,14-tetracosafluoro-13- (trifluoromethyl)tetradecyl ester	-	52956-82-8
89	2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12 heneicosafluorododecyl ester	-	17741-60-5
90	2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12 heneicosafluorododecyl ester, polymer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-propenoate, hexadecyl 2-propenoate, N-(hydroxymethyl)-2-propenamide, octadecyl 2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafluorotetradecyl 2-propenoate and 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl 2-propenoate	-	115592-83-1
91	2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafluorotetradecyl ester	-	34395-24-9
92	2-Propenoic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12heneicosafluorododecyl ester, polymer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-propenoate, α-(2-methyl-1-oxo-2-propenyl)-ω-[(2-methyl-1-oxo-2propenyl)oxy]poly(oxy-1,2-ethanediyl), 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,16-nonacosafluorohexadecyl 2-propenoate, octadecyl 2-propenoate and 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14 -pentacosafluorotetradecyl 2-propenoate	-	119973-84-1

93	2-Propenoic acid, 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,15,15,15-tetracosafluoro-2-hydroxy-14 (trifluoromethyl)pentadecyl ester	-	16083-87-7
94	2-Propenoic acid, C12-14-alkyl esters, polymers with Bu (1-oxo-2-propenyl)carbamate and δ-ω-perfluoro-C6-12alkyl acrylate	-	178233-67-5
95	2-Propenoic acid, dodecyl ester, polymers with Bu (1oxo-2-propenyl)carbamate and γ-ω-perfluoro-C18-14alkyl acrylate	-	144031-01-6
96	2-Propenoic acid, perfluoro-C8-16-alkyl esters	-	85681-64-7
97	2-Propenoic acid, polymer with butyl 2-propenoate and 2,5-furandione, γ-ω-perfluoro-C8-14-alkyl esters, potassium salts, tert-Bu benzenecarboperoxoateinitiated	-	524729-93-9
98	2-Propenoic acid, γ-ω-perfluoro-C8-14-alkyl esters	-	85631-54-5
99	2-Tridecanol, 1-[[3-(dimethylamino)propyl]amino] 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,13 heneicosafluoro-	-	94159-80-5
100	2-Tridecanol, 1-[[3-(dimethylamino)propyl]amino] 4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,13,13,13eicosafluoro-12-(trifluoromethyl)-	-	94159-83-8
101	3 to 1 mixture of 5-chloro-2-methyl-4-isothiazolin-3-one (CMI) and 2-methyl-2H-isothiazol-3-one	CMI:MI (3:1)	55965-84-9
102	3,7-Dimethyl-2-octen-1-ol(6,7-Dihydrogeraniol)	-	40607-48-5
103	3.6,10-Trimethyl-3.5,9-undecatrien-2-one	-	1117-41-5
104	3-methyl-4-(2.6,6-trimethyl-2-cyclohexen-1-yl)-3-buten2-one	-	127-51-5
105	4- (1,1,3,3-Tetramethylbutyl) -N- (4- (1,1,3,3-Tetramethylbutyl) phenyl) benzenamine	-	15721-78-5
106	4- (1-Methyl -1 phenylethyl) -N- [4- (1-Methyl -1 phenylethyl) phenyl] benzenamine	-	10081-67-1
107	4 tert-Butylphenol	-	98-54-4
108	4-(p-Methoxyphenyl)-3-butene-2-one	-	943-88-4
109	4,4'- Diamino diphenylmethane	MDA	101-77-9
110	4,4-Diaminodiphenylmethane	-	-
111	4,6-Dimethyl-8-tert-butylcoumarin	-	17874-34-9
112	4-dimethylaminobenzoate	EHDAB	10287-53-3
113	4-Ethoxy-phenol	-	622-62-8
114	4-Heptylphenol, branched and linear	4-HPbl	-
115	4-Hexadecylmorpholine	-	25727-91-7
116	4-hydroxybenzophenone	-	1137-42-4
117	4-methylbenzophenone	-	134-84-9
118	4-Nitrobiphenyl	-	-
119	4-Nonyl-N- (4-nonylphenyl) benzenamine	-	24925-59-5
120	4-Nonylphenol	-	104-40-5
121	4-octadecylmorpholine	-	16528-77-1
122	4-Octyl-N- (4-octylphenyl) benzenamine	-	101-67-7
123	4-Octyl-N-phenylbenzenamine	-	4175-37-5
124	4-Phenyl-3-buten-2-one	-	122-57-6
125	5-Chloro-2-methylisothiazolin-3(2H)-one	CMI	26172-55-4
126	5-Methyl-2,3-hexanedione	-	13706-86-0
127	6,10-Dimethyl-3.5,9-undecatrien-2-one	-	141-10-6
128	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	DBMC	119-47-1
129	6-lsopropyl-2-decahydronaphthalenol	-	34131-99-2
130	6-Methylcoumarin	-	92-48-8
131	7,11-Dimethyl-4.6,10-dodecatrien-3-one	-	26651-96-7
132	7-Ethoxy-4-methylcoumarin	-	87-05-8
133	7-Methoxycoumarin	-	531-59-9
134	7-Methylcoumarin	-	2445-83-2
135	9-Octadecenoic acid (9Z)-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12 heneicosafluorododecyl ester	-	125768-41-4
136	9-Octadecenoic acid (9Z)-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14 ,14-pentacosafluorotetradecyl ester	-	220237-52-5
137	a compound of an alkyl (C = 10 ~ 16) derivative of benzenesulfonic acid and a propane -2 amine	-	68584-24-7

138	Abietic Acid	-	514-10-3
139	Acetaldehyde	-	75-07-0
140	Acetaldehyde	-	75-07-0
141	Acrolein	-	107-02-8
142	Acrylamide	-	79-06-1
143	Acrylonitrile	-	107-13-1
144	Acrylonitrile butadiene styrene	ABS	9003-56-9
145	Alanroot oil (Inula helenium)	-	97676-35-2
146	Alcohols, C8-14, γ-ω-perfluoro	-	68391-08-2
147	Alcohols, C8-14, γ-ω-perfluoro, polymers with 1,6diisocyanatohexane, ethylene glycol, glycidol and 2,4-TDI	-	253873-70-0
148	Alcohols, C8-14, γ-ω-perfluoro, polymers with α-fluoroω-[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl]poly(difluoromethylene), methanol, stearyl acrylate, stearyl methacrylate, 2,4-TDI and vinyl chloride	-	376364-33-9
149	Alcohols, C8-14, γ-ω-perfluoro, reaction products with epichlorohydrin, polyethylene glycol mono-Me ether and N,N',2-tris(6-isocyanatohexyl)imidodicarbonic diamide	-	118102-37-7
150	Alcohols, C8-14, γ-ω-perfluoro, reaction products with epichlorohydrin, tetrahydrofuran homopolymer and N,N',2-tris(6-isocyanatohexyl)imidodicarbonic diamide	-	118102-38-8
151	Alcohols, C8-14, γ-ω-perfluoro, reaction products with epichlorohydrin and propylene oxide, trimethylaminequaternized	-	185630-70-0
152	Aldrin	-	-
153	Aliphatic Chlorinated Hydrocarbons (CHCs)	-	-
154	Alkyl (C = 10 ~ 16) derivative of Benzenesulfonic acid	-	68584-22-5
155	Alkyl iodides, C10-12, γ-ω-perfluoro	FTI	68390-33-0
156	Alkyl iodides, C4-20, γ-ω-perfluoro	FTI	68188-12-5
157	Alkyl iodides, C6-18, perfluoro	-	90622-71-2
158	Alkylphenol Ethoxylates, including Nonylphenol ethoxylate and octylphenol ethoxylate	TNPP	9016-45-9 68412-53-3 9002-93-1 26523-78-4
159	All types of Wax	-	-
160	Allylisothiocyanate	-	57-06-7
161	Aluminum	Al	-
162	Aluminum hydroxide	-	21645-51-2
163	Amides, C7-19, α-ω-perfluoro-N,N-bis(hydroxyethyl)	-	90622-99-4
164	Amine, N-C 16 -18 alkyl (even number) propane -1, 3 diamine	-	133779-11-0
165	Ammonium	-	-
166	Ammonium	-	-
167	Amyl cinnamal	-	122-40-7
168	Amylcinnamyl alcohol	-	101-85-9
169	an ester of glycerin and a hydride (resin acid and rosin acid)	-	65997-13-9
170	Aniline	-	62-53-3
171	Anisyl alcohol	-	105-13-5
172	Anthracene	-	
173	Anti-microbial and anti-fungal	-	-
174	Anti-microbial and anti-fungal	-	-
175	Antimony	Sb	
176	Antimony (III) oxide	-	1309-64-4
177	Antimony Trioxide	-	-
178	Antimony Tris (Ethylene Glycoxide)	-	-
179	AP(89)1 (use of colorants in plastic materials coming into contact with food)	-	-
180	ar-Octyl-N- (nonylphenyl) benzenamine	-	36878-20-3
181	ar-Octyl-N- (octylphenyl) benzenamine	-	26603-23-6
182	ar-Octyl-N-phenylbenzenamine	-	27177-41-9
183	Aromatic amines & Sulfonated aromatic amines	-	8007-70-3

184	Arsenic	As	7440-38-2
185	Asbestos	-	1332-21-4
186	Astatine	At	-
187	Atranol (2,6-Dihydroxy-4-methyl-benzaldehyde)	-	526-37-4
188	Azo pigments, Azodicarbonamide, Azocolourants and Azodyes which form certain aromatic amines	-	123-77-3
189	Bamboo flour	-	-
190	Barium	Ba	7440-39-3
191	Bentonite salt of Bis (Hydrogenated tallow alkyl) (Dimethyl) ammonium	-	68953-58-2
192	Benzenamine, N-phenyl-, reaction products with styrene and 2,4,4-trimethylpentene	BNST	-
193	Benzene	-	71-43-2
194	Benzenesulfonamide, 4-methyl	-	70-55-3
195	Benzo[a]pyrene	-	50-32-8
196	Benzophenone	-	119-61-9
197	Benzophenone derivatives	-	119-61-9, 117-99-7, 13020-57-0, 1137-42-4, 134-84-9
198	Benzotriazole	-	95-14-7
199	Benzyl (alkyl hydrogenated beef tallow) dimethylammonium bentonite chloride	-	71011-24-0
200	Benzyl (alkyl hydrogenated beef tallow) dimethylammonium hectorite chloride	-	71011-26-2
201	Benzyl alcohol	-	100-51-6
202	Benzyl benzoate	-	120-51-4
203	Benzyl butyl phthalate	BBP	85-68-7
204	Benzyl cinnamate	-	103-41-3
205	Benzyl cyanide	-	140-29-4
206	Benzyl salicylate	-	118-58-1
207	Beryllium and its compounds	-	7440-41-7
208	Betaines, (hydroxyethyl)methyl(γ,ω-perfluoro-C8-14-βalkenyl)(2-sulfopropyl)	-	115340-82-4
209	Betaines, N-(hydroxyethyl)-N-methyl-N-(2-sulfoethyl)-N(1,1,2-trihydroperfluoro-C8-14-2-alkenyl)	-	98219-29-5
210	Biphenyl-4,4'-diol	-	92-88-6
211	Bis (4-chlorophenyl) sulphone	-	80-07-9
212	Bis (hydrogenated beef tallow) dimethylammonium chloride	-	61789-80-8
213	Bis (tert-butylphenyl) phenyl phosphate	-	65652-41-7
214	Bis(2-methoxyethyl) phthalate	DMEP	-
215	Bis(tributyltin) oxide	TBTO	56-35-9
216	Bismuth and its compounds	-	-
217	Bisphenol A diglycidyl ether	-	1675-54-3
218	Bisphenol AF	-	1478-61-1
219	Bisphenol AP	-	1571-75-1
220	Bisphenol B	-	77-40-7
221	Bisphenol Z	-	843-55-0
222	Bisphenol-A	-	80-05-7
223	Bisphenol-F	-	620-92-8
224	Bisphenols	-	various
225	Bisphenols according to EU 2024/3190	-	various
226	Bisphenol-S	-	80-09-1
227	Boron	B	-
228	Boron	-	7440-42-8
229	BPA	-	-
230	Brominated and chlorinated flame retardants (as total Br plus Cl)	-	-
231	Brominated flame retardants	-	-
232	Bromine	-	-

233	Bromine	Br	-
234	Bumetrizole (UV-326)	-	11/5/3896
235	Butanedioic acid, monopolyisobutylene derivs., 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14- pentacosafluoro tetradecyl ester	-	253682-97-2
236	Butanedioic acid, monopolyisobutylene derivs., 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12 heneicosafluorododecyl ester	-	253682-98-3
237	Butanoic acid, 4-[[3-(dimethylamino)propyl]amino]-4oxo-, 2(or 3)-[(γ-ω-perfluoro-C6-20-alkyl)thio] derivs.	-	68187-25-7
238	Butyl bromoacetate (as total Br)	-	-
239	Butyl nitrite	-	544-16-1
240	Butylated Hydroxyanisole	BHA	25013-16-5
241	Butylated Hydroxytoluene	BHT	128-37-0
242	C13-15-alkyl ethoxylated amines & N,N-BIS(2-HYDROXYETHYL)ALLYLAMINE	-	70955-14-5
243	Cadmium	-	-
244	Calcium carbonate	-	-
245	Candelilla Wax	-	8006-44-8
246	Carbon Black	-	1333-86-4
247	Carbon tetrachloride	-	-
248	Carcinogenic, Mutagenic, or toxic to Reproduction	CMR	-
249	Cassiterite	-	1317-45-9
250	Celite	-	61790-53-2
251	Cerium	Ce	7440-45-1
252	Chemical Abstracts Service / Perfluoroheneicosanoic acid	C21 PFCA	N/A
253	Chemicals under PIC (Rotterdam) Convention Annex III	-	-
254	Chenopodium oil	-	8006-99-3
255	Chlordanes	-	-
256	Chlorinated aliphatic compounds	-	56-23-5, 79-34-5, 630-20-6, 76-01-7, 67-66-3, 79-00-5, 75-35-4, 71-55-6
257	Chlorinated paraffins	-	63449-39-8
258	Chlorine	-	7782-50-5
259	Chloroatranol (3-Chloro-2,6-Dihydroxy-4-methylbenzaldehyde)	-	57074-21-2
260	Chloroethylene, vinyl chloride	-	-
261	Chlorofluorocarbons	CFCs	-
262	Chlorpyrifos	-	2921-88-2
263	Chlorpyrifos	-	2921-8802
264	Cholecalciferol	-	67-97-0
265	Chromium	-	-
266	Cinnamal	-	104-55-2
267	Cinnamyl alcohol	-	104-54-1
268	Citral	-	5392-40-5
269	Citronellol	-	106-22-9
270	Cobalt (II) Chloride	-	7646-79-9
271	Cobalt and its compounds	-	-
272	Copper	-	-
273	Corn flour	-	-
274	Costus root oil (Saussurea lappa Clarke)	-	8023-88-9
275	Coumarin	-	91-64-5

276	Cyanides	-	57-12-5
277	Cyclamen alcohol	-	4756-19-8
278	Cyclododecane	-	-
279	Cyclohexylthiophthalimide = 1H-Isoindole-1,3(2H)-dione, 2-(cyclohexylthio)	-	17796-82-6
280	Cyclohexylthiophthalimide = 1H-Isoindole-1,3(2H)-dione, 2-(cyclohexylthio)	-	
281	DDT Chlorophenothane	-	-
282	Dec-1-ene, 1-decane	-	872-05-9
283	Decabromodiphenyl ether	DecaBDE	68928-80-3, 32536-52-0, 63936-56-1, 1163-19-5
284	Decane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10heneicosafluoro-10-iodo-	-	423-62-1
285	Decane, 1,1,1,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10eicosafluoro-10-iodo-2-(trifluoromethyl)-	-	677-93-0
286	Decanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,10,10,10octadecafluoro-9-(trifluoromethyl)-, ammonium salt (1:1)	-	3658-63-7
287	Decanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10nonadecafluoro-	PFDA	335-76-2
288	Decanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10nonadecafluoro-, sodium salt (1:1)	-	3830-45-3
289	Decanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10nonadecafluoro-, ammonium salt (1:1)	-	3108-42-7
290	Dechlorane Plus	-	13560-89-9
291	Dechlorane Plus Anti	-	135821-74-8
292	Di (coco-alkyl) (dimethyl) ammonium chloride	-	61789-77-3
293	Di organotin compounds (Excluding dibutyltin compounds and dioctyltin compounds)	-	66799-19-9
294	Diazine	-	4443-99-6
295	Diazinon	-	333-41-5
296	Dibutyl phthalate	DBP	84-74-2
297	Dibutyltin compounds	DBT	-
298	Dibutyltin hydrogen borate	DBB	-
299	Dichloroacetic acid	-	79-43-6
300	Dichlorobenzene (including 1,2- 1,3- 1,4Dichlorobenzene)	-	-
301	Dichloromethane (CH^2Cl^2)	-	-
302	Dieldrin	-	-
303	Diethanolamine	DEA	111-42-2
304	Diethyl maleate	-	141-05-9
305	Dihydrocoumarin	-	119-84-6
306	Diisodecyl phthalate	DIDP	-
307	Diisononyl phthalate	DINP	-
308	Dimethyl acetamide	DMAC	-
309	Dimethyl acetamide	DMAC	
310	Dimethyl citraconate	-	617-54-9
311	Dimethylfumarate	DMF	624-49-7
312	Di-n-butyl phthalate	-	84-74-2
313	Di-n-hexyl phthalate	DNHP	-
314	Dinitrogen oxide	-	10024-97-2
315	Di-n-octyl phthalate	DNOP	-
316	dinonylnaphthalenesulfonic acid	-	60223-95-2
317	Di-n-pentyl phthalate	DnPP	-
318	Dioctyltin compounds	DOT	-
319	DIOP	-	27554-26-3
320	Dioxins and furans	-	1746-01-6 11000-9
321	Diphenyl (2,4,6 trimethyl benzoyl) phosphine Oxide	-	75980-60-8
322	Diphenylamine	-	122-39-4
323	Diphenylamines	-	122-39-4
324	Diphenylguanidine	-	102-06-7
325	Disodium oxybis (dodecane -1 ylbenzenesulfonate)	-	25167-32-2

326	Disubstituted organotin compounds	-	-
327	d-Limonene	-	5989-27-5
328	Dodecane, 1,1,1,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12tetracosafluoro-12-iodo-2-(trifluoromethyl)-	-	3248-61-1
329	Dodecane,1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,1 1,12,12-pentacosafluoro-12-iodo-	-	307-60-8
330	Dodecane,1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10heneicosafluoro-12-iodo-	10:2 FTI	2043-54-1
331	Dodecanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12tricosafluoro-	PFDoDA	307-55-1
332	Dodecanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12tricosafluoro-, ammonium salt (1:1)	-	3793-74-6
333	Dodecanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,12,12,12docosafluoro-11-(trifluoromethyl)-	-	16486-96-7
334	Dodecanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,12,12,12docosafluoro-11-(trifluoromethyl)-, compd. with ethanamine (1:1)	-	68015-87-2
335	Dodecanoyl fluoride, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,12,12,12docosafluoro-11-(trifluoromethyl)-	-	15811-52-6
336	Dysprosium	Dy	7429-91-6
337	Eicosanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,17,17,18,18,19,19,20,20,20nonatriacontafluoro-	C20 PFCA	68310-12-3
338	Endocrine disruptors	-	-
339	Endosulfan	-	-
340	Endrin	-	-
341	Engineered nanomaterial's	-	-
342	Epoxyderivates	BADGE, BFDGE or NOGE	-
343	Epoxyethane (Ethylene Oxide)	-	75-21-8
344	Erbium	Er	7440-52-0
345	Ethanol	-	64-17-5
346	Ethanol, 2,2'-iminobis-, N-C12-18-alkyl derivs	-	71786-60-2
347	Ethanol, 2,2'-iminobis-, N-(C13-15-branched and linear alkyl) derivs	-	97925-95-6
348	Ethyl acrylate	-	140-88-5
349	Ethyl benzene	-	100-41-4
350	Ethyl bromoacetate (as total Br)	-	-
351	Ethylene glycol diethyl ether	-	629-14-1
352	Ethylene glycol dimethyl ether	-	110-71-4
353	Ethylene glycol ether acetate	-	111-15-9
354	Ethylene glycol methyl ether acetate	-	110-49-6
355	Eugenol	-	97-53-0
356	Europium	-	-
357	Europium	Eu	7440-53-1
358	expanded Polystyrene	ePS	14235-54-2
359	Farnesol	-	4602-84-0
360	Fatty acids, C18-unsatd., dimers, diisocyanates, polymers with 2,3-bis(γ-ω-perfluoro-C4-18-alkyl)-1,4butanediol, 1,6-diisocyanato-2,2,4(or 2,4,4)trimethylhexane and 2,2'-(methylimino)bis[ethanol]	-	68990-40-9
361	Fatty acids, C7-13, perfluoro	-	68333-92-6
362	Fatty acids, C7-13, perfluoro, ammonium salts	-	72968-38-8
363	Fatty acids, C7-19, perfluoro	-	91032-01-8
364	Fatty acids, linseed-oil, γ-ω-perfluoro-C8-14-alkyl esters	-	178535-23-4
365	Fenobucar	-	3766-81-2
366	Fenocarb	-	-
367	Fig leaf, fresh and preparations	-	68916-52-9
368	Flouride	-	16984-48-8
369	Fluor-containing substances	-	-

370	Fluorine and its compounds	-	7782-41-4
371	Fluorine based green-house gasses (HFC, PFC, SF6)	-	-
372	Fluorine substances	-	-
373	Formaldehyde	-	50-00-0
374	Formamide	-	75-12-7
375	Gadolinium	-	-
376	Gadolinium	Gd	7440-54-2
377	Gallium	-	7440-55-3
378	Gamma-Butyrolactone	GBL	-
379	Genetic modified organisms	GMO	-
380	Genotoxic substances	-	-
381	Geraniol	-	106-24-1
382	Germanium	-	7440-56-4
383	Glycerol tricaprylate	-	538-23-8
384	Glycolethers	-	-
385	GLYEO	-	2602-34-8
386	GLYMO	-	2530-83-8
387	Gold	-	7440-57-5
388	Halogenated dioxins and furans	-	-
389	Halogenated Napthalenes	-	-
390	Halogens	-	-
391	Heptabromodiphenyl ether	-	446255-20-5
392	Heptadecanoic acid - 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,1,4,14,15,15,16,16,17,17,17-tritriacontafluoro-	PFHpDA	57475-95-3
393	Hexabromocyclododecane	HBCDD	3194-55-6
394	Hexabromodiphenyl ether	-	446255-03-4
395	Hexachlorobenzene	-	-
396	Hexachlorobutadiene Hexachlorobuta-1,3-diene	HCBD	87- 68-3
397	Hexadecane,1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11 ,11,12,12,13,13,14,14-nonacosafluoro-16-iodo-	14:2 FTI	65510-55-6
398	Hexadecanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,1,4,14,15,15,16,16,16-hentriacontafluoro-	PFHxDA	67905-19-5
399	Hexahydrocoumarin	-	700-82-3
400	Hexane, 1,6-diisocyanato-, homopolymer, γ-ω-perfluoroC6-20-alc.-blocked	-	135228-60-3
401	Hexanedioic acid, dimethyl ester, polymers with 2,2bis(bromomethyl)-1,3-propanediol-ethanethioltetrafluoroethylene telomer reaction products	-	277752-44-0
402	Hexavalent Chromium	CrVI	-
403	Hexyl cinnamaldehyde	-	101-86-0
404	Holmium	Ho	7440-60-0
405	Hydroabietyl alcohol	-	13393-93-6
406	Hydrochlorofluorocarbons	HCFC	-
407	Hydrofluorocarbon	HFC	-
408	Hydroxy-citronellal	-	107-75-5
409	Hydroxy-methylpentylcyclohexenecarboxaldehyde	-	31906-04-4
410	Imidodicarbonic diamide, N,N',2-tris(6-isocyanatohexyl), reaction products with 3-chloro-1,2-propanediol, ethylene, iodoethane and tetrafluoroethylene	-	254889-72-0
411	Iodine (I)	I	-
412	Iron	-	-
413	Isocyanate	-	75-13-8
414	Isoeugenol	-	97-54-1
415	Isolat proteine canola	-	-
416	Isopropyl Myristate	-	110-27-0

417	Isopropyl nitrite	-	541-42-4
418	Isopropylthioxanthone	ITX	5495-84-1 83846-86-0
419	Isothiazolinones	MIT, CMI/MIT, BIT or CIT	-
420	Isothiazolinones	MIT, CMI/MIT, BIT or CIT	
421	Kelthane	-	-
422	Lanthanum	-	-
423	Lanthanum	La	7439-91-0
424	Latex	-	4/6/9006
425	Lead	-	-
426	Lilial	-	80-54-6
427	Linalool	-	78-70-6
428	Linseed oil	-	8001-26-1
429	Lithium	-	-
430	Long chain perfluorocarboxylic acids related substance and their salts	C9-C21 PFCAs	-
431	Long-chained chlorinated paraffins (C18〜)	-	-
432	Lutetium	Lu	7439-94-3
433	Magnesium	-	-
434	Manganese	-	-
435	Manganese and its compounds	-	7439-96-5
436	Manganese dichloride	-	1/5/7773
437	Medium chain chlorinated paraffins	MCCP	-
438	Medium-chained chlorinated paraffins (C14〜17)	-	-
439	Melamine	-	108-78-1
440	Mercury	-	-
441	Methanol, reaction products with 1,6diisocyanatohexane, ethylene, ethylene oxide, iodoethane and tetrafluoroethylene	-	254889-79-7
442	Methenamine 3-Chloroallylchloride	Quaternium15	4080-31-3
443	Methoxy ethanol	-	-
444	Methoxychlor (IUPAC: 1,1'-(2,2,2-Trichloroethane-1,1diyl)bis(4-methoxybenzene)	-	72-43-5
445	Methyl bromoacetate (as total Br)	-	-
446	Methyl Cinnamate = Cinnamic Acid Methyl Ester	-	103-26-4
447	Methyl ester of hydrogenation (resin acid and rosin acid)	-	8050-15-5
448	Methyl heptine carbonate	-	111-12-6
449	Methyl heptine carbonate	-	111-12-6
450	Methyl trans-2-butenoate	-	623-43-8
451	Methylene Chloride (IUPAC: Dichloromethane)	-	75-09-2
452	Methylisothiazolinone	-	2682-20-4
453	Mica	-	12001-26-2
454	Microbeads/Microplastics	-	-
455	Mineral Oil Aromatic Hydrocarbons	MOAH	-
456	Mineral Oil Saturated Hydrocarbons	MOSH	-
457	Mirex	-	-
458	m-Methoxybenzaldehyde	-	591-31-1
459	Monomethyldibromodiphenyl-methane	DBBT	-
460	Musk ambrette (4-tert-Butyl-3-methoxy-2,6dinitrotoluene)	-	83-66-9
461	N-(hydroxymethyl)acrylamide	-	924-42-5
462	N,N'-ditolyl-p-phenylenediamine	-	-
463	N,N'-dixylyl-p-phenylenediamine	-	-
464	N,N'-Ethylenebisoctadecanamide	-	110-30-5
465	Naphthol	-	-
466	Natural rubber	-	4/6/9006
467	Neodymium	Nd	7440-00-8

468	n-Ethyl Pyrrolidone	NEP	2687-91-4
469	Nickel	Ni	7440-02-0
470	Nitrocellulose	-	9004-70-0
471	Nitrosamines	-	-
472	N-Methylolacrylamide	-	924-4-5
473	n-methylpyrrolidone	NMP	872-50-4
474	N-nitrosodibenzylamine	NDBzA	5336-53-8
475	N-nitrosodibutylamine	NDBA	924-16-3
476	N-nitrosodiethanolamine	NDELA	1116-54-7
477	N-nitrosodiethylamine	NDEA	55-18-5
478	N-nitrosodiisobutylamine	NDiBA	997-95-5
479	N-nitrosodiisononylamine	NDiNA	1207995-62-7
480	N-nitrosodiisopropylamine	NDiPA	601-77-4
481	N-Nitrosodimethylamine	NDMA	62-75-9
482	N-nitrosodipropylamine	NDPA	621-64-7
483	N-nitrosomorpholine	NMOR	59-89-2
484	N-nitroso-N-ethyl-N-phenylamine	NEPhA	612-64-6
485	N-nitroso-N-methyl-N-phenylamine	NMPhA	614-00-6
486	N-nitrosopiperidine	NPIP	100-75-4
487	Nonadecanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,1,4,14,15,15,16,16,17,17,18,18,19,19,19 heptatriacontafluoro-	PFNDA	133921-38-7
488	Nonane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9nonadecafluoro-9-iodo-	-	558-97-4
489	Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9heptadecafluoro-	PFNA	375-95-1
490	Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9heptadecafluoro-, ammonium salt (1:1)	-	4149-60-4
491	Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9heptadecafluoro-, sodium salt (1:1)	-	21049-39-8
492	Nonylphenol	-	25154-52-3
493	N-phenylbenzenamine, (tripropenyl) derivative	-	68608-79-7
494	N-tolyl-N'-xylyl-p-phenylenediam	-	-
495	Oakmoss extracts	-	90028-68-5
496	Octadecanoic acid, ,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,1,4,14,15,15,16,16,17,17,18,18,18-pentatriacontafluoro-	PFODA, PFOcDA	16517-11-6
497	Oligomerisation and alkylation reaction products of 2phenylpropene and phenol	-	-
498	Oligomerization of 2-Phenylpropene with phenol and Alkyl foiling product	-	-
499	o-Nitrobenzaldehyde (2-nitrobenzaldehyde)	-	-
500	Organic silicone compound	-	-
501	Organo-tin compounds	-	-
502	Ortho-phenylphenol	-	90-43-7
503	ortho-Phthalates	-	-
504	Other brominated organic compounds	-	-
505	Other chlorinated organic compounds	-	-
506	Other snbstances potentially degrading into PFOS in the environment	-	-
507	Oxo-biodegradable additives	-	-
508	Oxo-degradable plastics	-	-
509	Ozone depleting substances according to the Montreal protocol	-	-
510	Ozone depleting substances according to EU 2024/590		
511	Palladium	Pd	5/3/7440
512	Palm Oil	-	8002-75-3
513	PAN	-	-
514	p-Anisaldehyde	-	123-11-5
515	p-Anisaldehyde	-	
516	Paraben	-	99-76-3
517	Paradichlorobenzene	-	106-46-7
518	Para-di-chlorobenzene	-	106-46-7

519	Pentachlorophenol	PCP	87-86-5
520	Pentachlorothiophenol	PCTP	133-49-3
521	Pentadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15-hentriacontafluoro-15-iodo-	-	335-79-5
522	Pentadecanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,1,4,14,15,15,15-nonacosafluoro-	PFPeDA	141074-63-7
523	Pentanoic acid, 4,4-bis[(γ-ω-perfluoro-C6-12-alkyl)thio] derivs., compds. with diethanolamine	-	94095-37-1
524	Pentanoic acid, 4,4-bis[(γ-ω-perfluoro-C8-20-alkyl)thio] derivs., compds. with diethanolamine	-	71608-61-2
525	Perchlorate	-	14797-73-0
526	Perchlorates	-	-
527	Perfluoro compounds, C5-18	-	86508-42-1
528	Perfluoroalkyl and Polyfluoroalkyl Substances	PFAS	-
529	Perfluorocarboxylic acids	PFCA	-
530	Perfluorocarboxylic acids containing 9 to 14 carbon atoms in the chain, their salts and C9-C14 PFCA- related substances	C9-C14 & PFCAs	-
531	Perfluorochemicals	PFC	-
532	Perfluorochemicals	PFCs	-
533	Perfluorohexane sulfonic acid, its salts and related compounds	PFHxS	-
534	Perfluorohexanesulfonic acid	PFHxS	355-46-4
535	Perfluorohexanoic acid and its salts and related substances	PFHxA	307-24-4
536	Perfluorooctane sulfonate	PFOS	1763-23-1
537	Perfluorooctanoic acid	PFOA	335-67-1
538	Perfluorooctanoic acid and its salts, and related substances	-	-
539	Perilla Aldehyde	-	12/8/5503 6611-91-2 18031-40-8 2111-75-3
540	Persistent Organic Pollutant	POP	-
541	Peru balsam, crude (Exudation of Myroxylon pereirae (Royle) Klotzsch)	-	8007-00-9
542	Pesticides	-	-
543	Petrolatum	-	3/8/8009
544	Phenol	-	108-95-2
545	Phenol, isopropylated, phosphate (3:1)	PIP (3:1)	68937-41-7
546	Phenoxyethanol	-	122-99-6
547	Phenyldiphenyl phosphate (1,1-dimethylethyl)	-	56803-37-3
548	Phosphinic acid, bis(perfluoro-C6-12-alkyl) derivs.	-	68412-69-1
549	Phosphinic acid, bis(perfluoro-C6-12-alkyl) derivs., aluminum salts	-	93062-53-4
550	Phosphonic acid, perfluoro-C6-12-alkyl derivs.	-	68412-68-0
551	Phosphoric acid, γ-ω-perfluoro-C8-16-alkyl esters, compds. with diethanolamine	-	74499-44-8
552	Phosphorus and its compounds (ex. red phosphorus)	-	-
553	Phosphorus based flame retardants	-	-
554	Phosporus	-	7723-14-0
555	Photo-degradable plastics	-	-
556	Phthalic acid di(2-ethylhexyl)	-	117-81-7
557	Phthalic Acid Esters	PAE	117-83-9
558	Pigments containing diarylid	-	-
559	Piperazinium, 1-(carboxymethyl)-1-(2-hydroxyethyl)-4(2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-nonadecafluoro1-oxodecyl)-, inner salt	-	71356-38-2
560	Piperazinium, 1-(carboxymethyl)-1-(2-hydroxyethyl)-4(2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-nonadecafluoro1-oxodecyl)-, inner salt	-	71356-38-2
561	Plant-derived ingredients	-	-
562	Platinum	Pt	6/4/7440

563	Poly Alpha Olefins	PAO	-
564	Poly(oxy-1,2-ethanediyl), α-methyl-ω-hydroxy-, 2hydroxy-3-[(γ-ω-perfluoro-C6-20-alkyl)thio]propyl ethers	-	70983-59-4
565	Poly(oxyethylene) / alkylphenyl	-	-
566	Poly(styrene-co-methyl methacrylate)	SMMA	25034-86-0
567	Polybrominated biphenyls	PBB	59536-65-1
568	Polybrominated Diphenyl Ethers	PBDE	40088-47-9, 32534-81-9, 36483-60-0,
569	polybrominated terphenyls	-	79596-31-9
570	Polybutylene terephthalate	PBT	24968-12-5
571	Polychlorinated biphenyl	PCB	1336-36-3
572	Polychlorinated Biphenyls	PCBs	-
573	Polychlorinated naphthalene	PCN	70776-03-3
574	Polychlorinated phenols	-	-
575	Polychlorinated terphenyls	PCTs	-
576	Polychlorinated terphenyls	PCT	61788-33-8
577	Polychlorotrifluoroethylene	PCTEF	9002-83-9
578	Polycyclic aromatic hydrocarbons	PAH	-
579	Polyethylene terephthalate	PET	25038-59-9
580	Polyethylene Terephthalate Glycol	PET-G	25038-59-9
581	Polyolefin Saturated Hydrocarbons	POSH	-
582	Polystyrene	PS	9003-53-6
583	POP: Persistent Organic Pollutants: Stockholm convention list of POP, Annex A	POP	various
584	Polyvinyl Chloride	PVC	9002-86-2
585	Polyvinylidene Chloride	PVDC	9002-85-1
586	Potassium	-	-
587	Praseodymium	Pr	7440-10-0
588	Primary aromatics amines	PAA	-
589	Promethium	Pm	12/2/7440
590	Propylene Glycol	-	-
591	Propylene glycol	-	57-55-6
592	Propylene oxide	-	75-56-9
593	p-Tert-Butyl-Phenol-formaldehyde Resin	PTBPFR	-
594	PTFE	-	-
595	Pyrocatechol	-	120-80-9
596	Quaternary ammonium compounds, (hydroxyethyl)dimethyl(γ-ω-perfluoro-C8-14-β-alkenyl), Me sulfates (salts)	-	92129-34-5
597	Quaternary ammonium compounds, diethylmethyl(γ-ωperfluoro-C8-14-β-alkenyl), Me sulfates	-	127133-57-7
598	Quaternary ammonium compounds, diethylmethyl(γ-ωperfluoro-C8-14-β-alkenyl), tetraphenylborates	-	145477-02-7
599	Quaternary ammonium compounds, diethylmethyl(γ-ωperfluoro-C8-14-β-alkenyl), tetraphenylborates	-	153325-45-2
600	Quaternary ammonium compounds, trimethyl(δ-ωperfluoro-C8-14-β-alkenyl), chlorides	-	115535-36-9
601	Radioactive substances	-	-
602	Rare earth material	-	-
603	Reaction product of N-phenylbenzenamine with 2,4,4trimethylpentene	-	68411-46-1
604	Reaction product of N-phenylbenzenamine with isobutylene and 2,4,4-trimethylpentene	-	184378-08-3
605	Recycled materials	-	-
606	Recycled plastics	-	-
607	Refined or unrefined oils and lubricants	-	-
608	Rescorcinol	-	10846-3
609	S-(tricyclo[5.2.1.0'2,6]deca-3-en-8(or 9)-yl) O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2ethylhexyl) phosphorodithioate	-	255881-94-8
610	Samarium	Sm	7440-19-9

611	Scandium	Sc	7440-20-2
612	Selenium	Se	7782-49-2
613	Semicarbazide	-	563-41-7
614	Short-chain and medium-chained chlorinated paraffins (C10-13, 14-17)	SCCPs	85535-84-8
615	Silica	-	14464-46-1
616	Silicon carbide	-	409-21-2
617	Silicon dioxide	-	14808-60-7
618	Silicone	-	7440-21-3
619	Siloxanes and Silicones, di-Me, hydroxy-terminated, polymers with tetradecanedioic acid, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,13tricosafluoro-1-tridecanol-terminated	-	182700-77-2
620	Silver	Ag	7440-22-4
621	Soda ash flux calcined diatomaceous earth	-	68855-54-9
622	Sodium	-	-
623	Sodium bromide	-	7647-15-6
624	Sodium chloride	-	7647-14-5
625	Sodium fluoride	-	7681-49-4
626	Sodium Lauryl Ether Sulphate = Sodium Laureth Sulphate	SLES	9004-82-4
627	Sodium Lauryl Sulphate	SLS	151-21-3
628	Sodium nitrite	-	7632-00-0
629	Sodium salts	-	61790-51-0
630	Sodium silicate	-	1344-09-8
631	Soybean oil, epoxidized	-	7/8/8013
632	Strontium	Sr	-
633	Styrene	-	100-42-5
634	Styrene acrylonitrile	SAN	9003-54-7
635	Styrenized N-phenylbenzenamine	-	68442-68-2
636	Sulfuric acid, mono(γ-ω-perfluoro-C6-12-alkyl) esters, ammonium salts	-	68516-17-6
637	Sulfuric acid, mono(γ-ω-perfluoro-C8-12-alkyl) esters, ammonium salts	-	84238-62-0
638	Sulphur	-	7704-34-9
639	Syn-dodecachloropentacyclooctadecadiene	-	135821-03-3
640	Tantalum	-	7440-25-7
641	Terbium	-	-
642	Terbium	Tb	7440-27-9
643	Tetrabromo bisphenol A	TBBP-A	-
644	Tetrachloroethylene	-	127-18-4
645	Tetrachlorophthalic anhydride	-	-
646	Tetradecane	-	629-59-4
647	Tetradecane	-	629-59-4
648	Tetradecane, 1,1,1,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,1,3,14,14-octacosafluoro-14-iodo-2-(trifluoromethyl)-	-	3248-63-3
649	Tetradecane,1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,1 1,11,12,12-pentacosafluoro-14-iodo-	12:2 FTI	30046-31-2
650	Tetradecanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,1 4,14,14-heptacosafluoro-	PFTDA, PFTeDA	376-06-7
651	Tetradecanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,14,1 4,14-hexacosafluoro-13-(trifluoromethyl)-	-	18024-09-4
652	Tetradecanoyl fluoride, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,14,1 4,14-hexacosafluoro-13-(trifluoromethyl)-	-	68025-62-7
653	Thiols, C10-20, γ-ω-perfluoro	-	68140-21-6
654	Thiols, C4-20, γ-ω-perfluoro, reaction products with methylated formaldehyde-1,3,5-triazine-2,4,6-triamine polymer	-	113089-67-1
655	Thiols, C8-20, γ-ω-perfluoro, telomers with acrylamide	-	70969-47-0
656	Thiols, C8-20, γ-ω-perfluoro, telomers with acrylamide	-	70969-47-0
657	Thulium	Tm	7440-30-4

658	Tin	-	7440-31-5
659	Titanium acelyl acetonate	TAA	77927-72-9
660	Titanium and its compounds	-	-
661	Titanium dioxide	-	13463-67-7
662	Tocopherol (Vitamine E)	-	-
663	Toluene	-	108-88-3
664	Toxaphene	-	-
665	trans-2-Heptenal	-	18829-55-5
666	trans-2-Hexenal diethyl acetal	-	67746-30-9
667	trans-2-Hexenal dimethyl acetal	-	18318-83-7
668	Treemoss extracts	-	90028-67-4
669	Tributyltin compounds	TBT	-
670	Trichlorebenzene	-	120-82-1
671	Trichlorobenzene	-	-
672	Trichloroethylene	-	-
673	Triclocarban	-	101-20-2
674	Triclosan	-	
675	Tridecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13 ,13-heptacosafluoro-13-iodo-	-	376-04-5
676	Tridecanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,1 3-pentacosafluoro-	PFTrDA	72629-94-8
677	Tridymite	-	15468-32-3
678	Triethanolamine	TEA	102-71-6
679	Triglyme	-	112-49-2
680	Trimethylsilanol	-	1066-40-6
681	Triphenyltin compounds	TPT	-
682	Tripoli	-	1317-95-9
683	Tris (1,3-dichloro-2-propyl) phosphate	TDCPP	-
684	Tris (2-chloro-1-methylethyl) phosphate	TCPP	13674-84-5
685	Tris (2-chloroethyl) phosphate	TCEP	115-96-8
686	Tris [2-chloro-1-(chloromethyl)ethyl] phosphate	TDCP	13674-87-8
687	tris(2-methoxyethoxy)vinylsilane	-	1067-53-4
688	Tris(isopropylphenyl)phosphate	-	-
689	Tungsten	-	7440-33-7
690	Ugilec and DBBT (PCB substitutes)	-	-
691	Undecane,1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,1 1-tricosafluoro-11-iodo-	-	307-50-6
692	Undecane,1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9nonadecafluoro-11-iodo-	9:2 FTI	65510-56-7
693	Undecanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11heneicosafluoro-	PFUnDA	2058-94-8
694	Undecanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11-eicosafluoro-, potassium salt (1:1)	-	307-71-1
695	Undecanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11-eicosafluoro-	-	1765-48-6
696	Use of nitrosating agents (nitrites such as NaNO2) and secondary or tertiary amines in the same process	-	-
697	UV-320	-	3846-71-7
698	UV-327	-	3864-99-1
699	UV-328	-	25973-55-1
700	UV-350	-	36437-37-3
701	Verbena oil (Lippia citriodora Kunth)	-	02 12 24
702	Volatile Organic Compounds	VOC	-
703	Xylene	-	1330-20-7
704	Ytterbium	Yb	7440-64-4
705	Yttrium	Y	7440-65-5
706	Zinc and its compounds	-	-
707	Zinc Chloride	-	7646-85-7
708	Zinc di(acetate)	-	557-34-6

709	Zinc Dibutyldithiocarbamate	-	136-23-2 14324-55-1
710	Zinc salt of O, O-Bis (2-Ethylhexyl, isobutyl, isopropyl) mixed ester of Phosphorodithioic acid	-	85940-28-9
711	Zinc salts of O, O-dialkyl (C = 1 ~ 14) = phosphorodithioate	-	68649-42-3
712	Zinc Stearate	-	91051-01-3
713	Zinc, Tin or their compounds	-	-
714	α- Pinene	-	80-56-8

Although the above-mentioned substances as such are not intentionally added this does not eliminate the presence of negligible traces due to other reasons such as impurities in the components supplied by external parties and used in production.
According to the production recipe of **FS150A**, the following substance is not intentionally used as Additive or Plasticizer during manufacturing:

- Phthalates

However, a very low level of Phthalates (typically less than 15 ppm based on mass balance calculations) may be found in **FS150A** originated from the used catalyst system.

Safety Data Sheet: regulatory information

Section 15: Regulatory information

15.1. Safety, Health, and Environmental regulations / legislation specific for the substance or mixture

EU regulations
Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended. Not listed.
Regulation (EU) 2019/1021 on Persistent Organic Pollutants (recast), as amended. Not listed.
Regulation (EU) No. 649/2021 concerning the export and import of dangerous chemicals Annex I, Part 1 as amended. Not listed.
Regulation (EU) No. 649/2021 concerning the export and import of dangerous chemicals Annex I, Part 2 as amended. Not listed.
Regulation (EU) No. 649/2021 concerning the export and import of dangerous chemicals Annex I, Part 3 as amended. Not listed.
Regulation (EU) No. 649/2021 concerning the export and import of dangerous chemicals Annex V, as amended. Not listed.
Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended. Not listed.
Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA. Not listed.
Regulation (EC) No. 1907/2006, REACH Annex XIV substances subject to authorization, as amended. Not listed.
Regulation (EC) No. 1907/2006, REACH Annex XVII substances subject to restriction on marketing and use, as amended. Not listed.
Regulation (EC) No. 1907/2006, REACH Annex XVII substances subject to restriction on marketing and use, as amended. Not listed.
Directive 2044/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended. Not listed.

Other EU regulations
Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended. Not listed.

Other regulations

The product is classified and labelled in accordance with regulation (EC) 1272/2008 (CLP Regulation) as amended. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006, as amended.

National regulations

Follow national regulations for work with chemical agents in accordance with Directive 98/24/EC, as amended.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

FS150A is not classified as dangerous according to EU Directive 67/548/EEC. This product has not been classified for the European Union according to Annex VI of this Directive. It is a preparation containing polymers and additives. Although it may contain components that may be classified, the substance does not present a danger to human health by inhalation, ingestion or contact with the eyes and skin or to the aquatic environment in the form it is placed on the market. Based on Article 12 of Directive 1999/45/EC such preparations do not require labelling. The product is not classified according to regulation (EC) No. 1272/2008 of the European Parliament and the Council on Classification, Labelling and Packaging of Substances and Mixtures (CLP).
It is highly recommended to follow safety guidelines and recommendations mentioned in the safety data sheet (SDS) during handling and storage. SDS can be provided upon request.

Unmodified **FS150A** is an essentially biological inert solid and considered non-toxic to the aquatic environment. It is stable and does not decompose in landfills or in aquatic systems. Essentially biologically inert and does not readily degrade. Under optimal oxidation conditions, > 99% pf Polyethylene will remain intact after exposure to microbial actions. Products will slowly change (embrittle) in the presence of sunlight but will not fully breakdown. Product buried in landfill has been found stable over time. No toxic degradation to aquatic and soil environment are known to be produced. Products of thermal decompositions disperse in the atmosphere.
If released in watercourses, most polyethylene pellets float. Pellets are persistent in aquatic and terrestrial systems. Product should be recovered from water and land following spills. The material has not been found to migrate through soils.
The generation of waste should be avoided or minimized wherever possible. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of non-recyclable products via a licensed waste disposal contractor. Disposal of this product, articles and any part thereof should always comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.
The classification of this product does not meet the criteria for hazardous waste according to Directive 75/422/EC.

It is the responsibility of both the manufacturers of finished food contact articles and the food packers to check that these articles in their actual use are compliant with all applicable regulations and requirements. Because use conditions and applicable laws may differ from one location to another, the customer is responsible for determining whether products and information in this document are appropriate for the customer's use. The purchaser remains responsible for determining whether the use of FS150A complies with all relevant regulations.

This material is not subject to the selective waste requirement as described in the EC Council Directive 2012/19/EC on waste electrical and electronic equipment (WEEE) -Annex II.

This declaration applies to our above-mentioned Polyethylene LLDPE grade as it leaves the Petro Rabigh production facility and does not cover any components, additives, pigments, etc., subsequently incorporated by the converter.

This declaration has been prepared and issued based on our best knowledge and expertise currently available and applies to the polymers delivered by SUMITOMO CHEMICAL EUROPE.

Declaration of Conformity

Sumitomo Polyethylene – LLDPE

Grade FS150A vs 2024.05.

Manufacturing environments from both Sumitomo Chemical Company and Rabigh Refining and Petrochemical Company are having formal international certified management systems implemented in accordance with ISO9001, ISO14001 and ISO45001. As such assuring common acknowledged management best practises in terms of Quality, Safety and Environment. Copies of these certificates can be provided upon request.

The information included in this document is valid from the stated version date until this document is superseded. Because of possible changes in the underlying legislation and regulations, as well as possible changes in our products, we cannot guarantee that the status of this document will remain unchanged. We, therefore, recommend our customers verify the regulatory status periodically by accessing our Responsible Care department. It will be renewed in all cases where previous conformity is no longer ensured and in case of changes in the regulations.

Responsible Care Office

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