

Date of Issue: Jul 2023

## Product Regulatory Certificate

Product Name:	InnoPlus HD2200JP
Chemical Name and Synonyms:	Polyethylene
CAS Number:	9002-88-4 Polyethylene
Typical Application:	InnoPlus HD2200JP is recommended for beverage caps for drinking, mineral water, tea and fruit juice
Company Identification/Supplier:	<b>PTT Global Chemical Public Company Limited</b> 555/1, Energy Complex, Building A, 14 <sup>th</sup> -18 <sup>th</sup> Floor, Vibhavadi Rangsit Road, Chatuchak, Chatuchak, Bangkok, 10900, Thailand

### i) Chemical Inventories

This product is used the chemicals or ingredients which comply with following chemical inventories:

European Union: European Inventory of Existing Commercial Chemical Substances (EINECS)

United States: Toxics Substances Control Act Inventory (TSCA)

Canada: Domestic and Non-Domestic Substances List (DSL/NDSL)

Australia: Australian Inventory of Industrial Chemicals (AIIC)

New Zealand: New Zealand Inventory of Chemicals (NZIoC)

Korea: Korean Existing Chemicals Inventory (KECI)

Japan: Japanese Inventory of Existing and New Chemical Substances (ENCS)

China: China Inventory of Existing Chemical Substances (IECSC)

Philippine: Philippines Inventory of Chemicals and Chemical Substances (PICCS)

Taiwan: National Existing Chemical Inventory (NECI)

Thailand: Thailand Existing Chemicals Inventory (TECI)

Disclaimer: To the best of our knowledge, the information contained herein is accurate and reliable as of the date of publication; however, we do not assume any liability what so ever for the accuracy and completeness of such information. We make no warranties which extend beyond the description contained herein. Nothing herein shall constitute any implied warranty of merchantability or fitness for a particular purpose. It is the customer's responsibility to inspect and test our products in order to satisfy itself as to the suitability of the products for the customer's particular purpose. The customer is responsible for the appropriate, safe and legal use, processing and handling of our products. No liability can be accepted in respect of the use of our products in conjunction with other materials. The information contained herein relates exclusively to our products when not used in conjunction with any third party materials. The information contained herein must be kept confidential by you and you are not allowed to disclose any content of the Certificate to any person without the Company's prior written consent.

## ii) REACH (Regulation (EC) No.1907/2006)

We do NOT intend to use the substances listed in candidate chemicals proposed to be Substances of Very High Concern (SVHC). The list SVHCs can be found as following link below, <https://echa.europa.eu/candidate-list-table> (updated on 14/06/2023). Moreover, polymer molecules are generally regarded as representing a low concern due to their high molecular weight, this group of substances is exempted from registration and evaluation under REACH. Nonetheless, manufacturers or importers of polymers in supply chain may still be required to register the monomers. We recommend you to consult in detail for further clarification concerning your own obligations related to the REACH legislation.

## iii) Food Contact

### China Food Contact Regulation

This product is complied with GB4806.6-2016 “The National Food Safety Standard for Plastic Resin Used as Food Contact” and the additives used for manufacturing this product are complied with GB9685-2016 “The National Food Safety Standard for the Use of Additives for Food Contact Materials and Articles”. Both GB4806.6-2016 and GB9685-2016 align with GB4806.1-2016 “The Nation Food Safety Standard for General Safety Requirements of Food Contact Materials and Articles” and GB31603-2015 “The National Food Safety Standard for General Health Code for Production of Food-contacted Material and Products.

### European Union (EU) Food Contact

All constituents of this resin are listed in Commission Regulation (EU) No. 10/2011 of January 14, 2011 on plastic materials and articles intended to come into contact with food and its amendments; Commission Regulation (EU) 321/2011, Commission Regulation (EU) No. 1282/2011, Corrigendum to Regulation (EU) 1183/2012, Commission Regulation (EU) 1183/2012, Commission Regulation (EU) 202/2014, Commission Regulation (EU) No. 2015/174, Commission Regulation (EU) No. 2016/1416, Commission Regulation (EU) No. 2017/752, Commission Regulation (EU) No.2018/79, Commission Regulation (EU) No.2018/213, Commission Regulation (EU) No.2018/831, Commission Regulation

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(EU) No. 2019/37, Commission Regulation (EU) No.2019/1338, Commission Regulation (EU) No.2020/1245 and Commission Regulation (EU) No.2023/1442. This product is complied with overall migration limit and specific migration of heavy metal limit as well.

### **US Food and Drug Administration (FDA)**

This product is complied with the Food and Drug Administration (FDA) Specifications according to U.S. FDA 21 Code of Federal Regulations part 177.1520 (c) (2.1).

### **Japan Chemical Innovation and Inspection Institute (JCII)**

This product and its composition are complied with the Japan Chemical Innovation and Inspection Institute (JCII) certification with registration number [A]EZar-15749-L.

### **Organoleptic Properties**

This product is passed the sensorial examination odor and taste test according to German food, articles of daily use and feed code of September 1, 2005 (LFGB), section 31.

### **iv) RoHS**

This product is complied with EU Directive 2011/65/EU and its subsequent amendments. It is not intended to used Cadmium, Hexavalent Chromium, Lead, Mercury, Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers (PBDEs), Bis (2-ethylhexyl) Phthalate (DEHP), Butyl Benzyl Phthalate (BBP), Dibutyl Phthalate (DBP) or Diiso Butyl Phthalate (DIBP) as raw materials in its recipe/ manufacturing process.

## v) Hazardous Substances

### Bovine Spongiform Encephalopathy (BSE)/Transmissible Spongiform Encephalopathy (TSE)/“Mad Cow”

The derived from animal sources are not intentionally used in this product recipe.

### Coalition of Northeastern Governors (CONEG)

We hereby certify that we do NOT intend to use lead, mercury, cadmium and hexavalent chromium in this product recipe. Furthermore, this product meets the CONEG requirement of less than 100 ppm for total incidental lead, mercury, cadmium and hexavalent chromium.

### Commission Decision (2009/251/EC)

According to the requirement of Member States (2009/251/EC) to ensure that products containing the biocide dimethylfumarate (DMF) are not placed or made available on the market. This product is not intentionally manufactured with DMF in its recipe.

### Directive 2000/53/EC End of Life Vehicle and its following amendments

The quantity of Cd, Pb, Cr(VI) and Hg present in this product are in compliance with 2005/673/EC, amending Annex II of Directive 2000/53/EC of the European Parliament and of the Council on end-of-life vehicles. A maximum concentration value up to 0.1 % by weight and per homogeneous material, for lead, hexavalent chromium and mercury and up to 0.01 % by weight per homogeneous material for cadmium shall be tolerated.

### Directive 94/62/EC

According to EU Directive 94/62/EC on Concentration Levels of Heavy Metals Article, Lead, Cadmium, Mercury and Hexavalent Chromium, we hereby certify that we do NOT intend to use these chemicals in this product.

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## Directive 2003/89/EC Food Allergens

We do NOT intend to use food allergenic substances listed in Appendix II following European, United State and Japan food allergens listed in this product recipe.

## Nuclear Radioactive Materials

We hereby certify that we do NOT intend to use Radioactive Materials; source materials (uranium and thorium), special nuclear materials (enriched uranium and plutonium) and byproduct materials (materials that is made radioactive in reactor, and residue from the milling of uranium and thorium), in this product recipe.

## Ozone Depleting Substances

Ozone depleting substances listed in Annex I and II in the Regulation (EC) No 1005/2009 of The European Parliament and of the Council of 16 September 2009 and listed as class I & II substances by the US Clean Air Act on substances that deplete the ozone layer are not intentionally used in the product recipe and manufacturing process.

## Prohibited Chemical Substances in Japan Domestic Laws

We hereby certify that we do NOT intend to use chemical substances according to Chemical Substances Control Law, Industrial Safety and Health Law, Poisonous and Deleterious Substances Control Law, Chemical Weapons Prohibition Law and Stimulant Control Law amendment of Japan Domestic Laws in this product recipe.

## Regulation (EC) no. 1895/2005

BADGE, NOGE and BFDGE are not intentionally use in this product formulation and manufacturing process according to the requirement of Regulation (EC) No. 1895/2005.

For more information and technical assistance contact;

**PTT Global Chemical Public Company Limited**

555/1, Energy Complex, Building A, 14<sup>th</sup>-18<sup>th</sup> Floor, Vibhavadi Rangsit Rd., Chatuchak, Chatuchak, Bangkok 10900  
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**บริษัท พีทีที โกลบอล เคมิคอล จำกัด (มหาชน)**

555/1 ศูนย์เอเนจียคอมเพล็กซ์ อาคารเอ ชั้น 14-18 ถนนวิภาวดีรังสิต แขวงจตุจักร เขตจตุจักร กรุงเทพฯ 10900  
โทร+66-2265-8400 โทรสาร +66-2265-8500



## **Regulation (EC) no. 1935/2004**

PTT Global Chemical PLC maintains sales and purchase record through all stages of manufacture, processing and distribution in order to meet the requirement of “Traceability” in article 17 and "General requirements" in article 3 of the Regulation 1935/2004/EC.

## **Regulation (EC) no. 2022/1616**

We would be pleased you to ensure that this product has not been produced from recycled plastics materials.

## **vi) TIS 816-2556**

This product and its manufacturer have been assessed and found to be conforming to the requirements of Thailand Industrial Standard: TIS 816-2556 (2013) for Polyethylene resins.

## **vii) GHPs & HACCP**

The manufacturing of InnoPlus product which used to produce food packaging is certified for GHPs&HACCP standard according to Codex Alimentarius by Management System Certification Institute(Thailand).

## **viii) Halal**

This product and its manufacturer have been certified Halal by The Halal Standard Institute of Thailand.

## **ix) Other regulations**

### **Animal Derived Material**

We do NOT intend to use animal derived material in this product recipe.

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## Bisphenol Group

We do NOT intend to use Bisphenol Group in this product recipe listed on attached document in Appendix III.

## Fluorotelomers, Perfluorooctanoic acid (PFOA), Per-and Polyfluoroalkyl Substances (PFAS) and their derivatives

We do NOT intend to use Fluorotelomers, Perfluorooctanoic acid (PFOA), or Perfluorooctane sulfonate (PFOS) and Per-and Polyfluoroalkyl Substances (PFAS) in this product recipe.

## Halogenated Flame Retardant

We do NOT intend to use halogenated or phosphorous based flame retardants in this product recipe.

## Natural Rubber or Latex

We do NOT intend to use Natural Rubber Latex, Dry Natural Rubber and Synthetic Latex in this product recipe.

## Tallow

We do NOT intend to use Tallow derived additives in this product recipe.

## Phthalates

We do NOT intend to use phthalates, including di-(2-ethylhexyl) phthalate (DEHP), dibutyl phthalate (DBP), benzyl butyl phthalate (BBP), diisononyl phthalate (DINP), diisodecyl phthalate (DIDP), di-n-octyl phthalate (DnOP), diisobutyl phthalate (DIBP), di-n-pentyl phthalate (DNPP or DPENP), di-n-hexyl phthalate (DHEXP or DHP), and dicyclohexyl phthalate (DCHP) in this product. (*Updated on 19.12.2018*)

## Toys

Relating to restrictions on the marketing and use of certain dangerous substances and preparations (phthalates in toys and childcare articles) in Directive 76/769/EEC and its amendment 2005/84/EC, we would like to inform that we do not intend to use Phthalates in this product formulation.

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## **Drug Master File (DMF)**

We do not confirm this product will be complied with US FDA Drug Master File.

## **European Pharmacopoeia (EP)**

This product has not been tested under European Pharmacopoeia guidelines.

## **US Pharmacopoeia (USP)**

This product has not been tested under united Stated Pharmacopoeia guidelines.

## **Kosher**

Although no animal fat and no animal derived materials used in this product, we do not certify the resin to be Kosher or in compliance with Kosher requirements.

## **Conflict Minerals**

We do NOT intend to use tin, tantalum, tungsten and gold (3TG) in this product recipe and manufacturing process.

## **Food Allergens and Food Sensitivity**

We do not intend to use Genetically Modified Organisms (GMOs) and food allergens listed on attached document in Appendix II

## **x) Polycyclic Aromatic Hydrocarbon(PAHs)**

The Polycyclic aromatic hydrocarbons(PAHs) are not intentionally used in the manufacture or formulation of this product listed on attached document in Appendix IV



## xi) Disclaimer

- This Applications specified herein is for reference only and not suitable for using in the manufacturing of any products in medical and pharmaceutical sectors.
- Determination of suitability of the product for the use and purpose shall be the customer's responsibility. Customer is obligated to inspect and test the product for such suitability. Customer is responsible for appropriate, safe, legal use processing and handling of the product.
- To our best knowledge, information contained herein is true and accurate as of the date of its publication. However, we make no representations or warranties with respect to accuracy, reliability and completeness of the information contained herein for any purpose.
- No warranties, express or implied, which extend beyond the description herein are given by us. Nothing herein shall constitute any implied warranty of merchantability or fitness for a particular purpose.
- We assume no liability for any use of the product in combination with other materials. The information contained herein entirely relates to the product when it is not used in combination with any third party's materials.

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## xii) Absence of Substance and Chemicals

We do not intend to use the Substances/Chemicals listed in attached Appendix I, II, III and IV in our product recipe.

PTT Global Chemical Public Company Limited shall not notify you in case changes in the regulations occur. It is the responsibility of the customer to check compliance of the final articles with the relevant legislative and applicable regulatory requirements including their restrictions.

For any limitations which are part of the regulations should be consulted in details.

Approved By:



(Pornsak Mongkoltrirat)

Executive Vice President, Polymers

PTT Global Chemical Public Company Limited

**Appendix I**  
**List of Substances/Chemicals that are not intended to use in this product**

CAS no.	Substance
126-07-8	(1'S-trans)-7-chloro-2',4,6-trimethoxy-6'-methylspiro[benzofuran-2(3H),1'-cyclohex-2'-ene]-3,4'-dione; griseofulvin
3083-25-8	(2,2,2-trichloroethyl)oxirane
69701-99-1	(2-Ethyl-2-methyl-1,3-dioxolan-4-yl)methyl acrylate
38850-58-7	(2-hydroxyethyl)dimethyl[3-[(3-sulphopropyl)(tridecafluorohexyl)sulphonyl]amino]propyl]ammonium hydroxide
83048-65-1	(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-Heptafluorodecyl)trimethoxysilane
55335-06-3	(3,5,6-trichloro-2-pyridyl)oxyacetic acid; triclopyr
690995-44-9	(3-Chloro-2-hydroxypropyl)(coco-alkyl)(dimethyl)ammonium chloride
3001-63-6	(3-chloro-2-hydroxypropyl)dimethyloctadecylammonium chloride
94-74-6	(4-chloro-2-methylphenoxy)acetic acid; MCP; MCPA
78587-05-0	(4RS,5RS)-5-(4-chlorophenyl)-N-cyclohexyl-4-methyl-2-oxo-1,3-thiazolidine-3-carboxamide; hexythiazox
64630-63-3	(7-Oxabicyclo[4.1.0]heptan-3-yl)methyl acrylate
1502809-48-4	(Butyl, decyl, octyl, 2-(2-phenoxyethoxy)ethyl and 2-phenoxyethyl) mixed ester of phosphoric acid
56-53-1	(E)-4,4'-Hex-3-ene-3,4-diylidiphenol
1651187-84-6	(Erbium and thulium) doped derivative of gadolinium sulfur ytterbium yttrium oxide
-	(Methacrylic acid, ethyl acrylate, n-butyl acrylate, methyl methacrylate and butadiene) copolymer in nanoform
73361-29-2	(Monohexadecyl ether of polymer of 2-methylloxirane / oxirane) phosphate
2991-50-6	(N-Ethylperfluorooctane-1-sulfonamido)acetic acid
43048-08-4	(octahydro-1H-4,7-methanoindene-5,7'-diyl)bis(methylene) bis(2-methylacrylate)
547-68-2	(Oxalato-kappa(2)O(1),O(2))zinc
74504-64-6	(Polymer of glycerol) dodecanoate
103055-07-8	(RS)-1-[2,5-dichloro-4-(1,1,2,3,3,3-hexafluoropropoxy)phenyl]-3-(2,6-difluorobenzoyl)urea; lufenuron
116714-46-6	(RS)-1-[3-chloro-4-(1,1,2-trifluoro-2-trifluoromethoxyethoxy)phenyl]-3-(2,6-difluorobenzoyl)urea; novaluron
107534-96-3	(RS)-1-p-chlorophenyl-4,4-dimethyl-3-(1H-1,2,4-triazol-1-ylmethyl)pentan-3-ol; tebuconazole
120-36-5	(RS)-2-(2,4-dichlorophenoxy)propionic acid; dichlorprop
112281-77-3	(RS)-2-(2,4-dichlorophenyl)-3-(1H-1,2,4-triazol-1-yl)propyl 1,1,2,2-tetrafluoroethyl ether; tetraconazole
7085-19-0	(RS)-2-(4-chloro-o-tolylloxy)propionic acid; mecoprop
133220-30-1	(RS)-2-[2-(3-chlorophenyl)-2,3-epoxypropyl]-2-ethylindane-1,3-dione; indanofan
139920-32-4	(RS)-2-cyano-N-[(R)-1-(2,4-dichlorophenyl)ethyl]-3,3-dimethylbutyramide; diclocymet
50471-44-8	(RS)-3-(3,5-dichlorophenyl)-5-methyl-5-vinyl-1,3-oxazolidine-2,4-dione; vinclizolin
114369-43-6	(RS)-4-(4-chlorophenyl)-2-phenyl-2-(1H-1,2,4-triazol-1-ylmethyl)butyronitrile; fenbuconazole
39515-41-8	(RS)-alpha-cyano-3-phenoxybenzyl 2,2,3,3-tetramethylcyclopropanecarboxylate; fenpropathrin
30560-19-1	(RS)-O,S-dimethyl acetylphosphoramidothioate; acephate
66841-25-6	(S)-alpha-cyano-3-phenoxybenzyl (1R,3S)-2,2-dimethyl-3-(1,2,2,2-tetrabromoethyl)cyclopropanecarboxylate; tralomethrin
66230-04-4	(S)-alpha-cyano-3-phenoxybenzyl (S)-2-(4-chlorophenyl)-3-methylbutyrate; esfenvalerate
56553-60-7	(T-4)-Sodium tris(acetato-kappaO)(hidrido)borate(1-)
692-49-9	(Z)-1,1,1,4,4,4-Hexafluorobut-2-ene
89269-64-7	(Z)-2-methylacetophenone 4,6-dimethyl-2-pyrimidinylhydrazone; ferimzone
13049-88-2	(Z)-Non-3-en-1-yl acetate
41130-29-4	(Z)-Octadec-9-en-1-amine monohydrochloride
50-07-7	[(1aS,8S,8aR,8bS)-6-Amino-8a-methoxy-5-methyl-4,7-dioxo-1,1a,2,4,7,8,8a,8b-octahydroazireno[2',3':3,4]pyrrolo[1,2-a]indol-8-yl)methyl carbamate
-	[(Dinitrophenyl)azo]-[2,4-diamino-5-methoxybenzene] derivatives
-	[(Disubstituted phenyl)azo dihydro hydroxy alkyl oxo alkyl-substituted-pyridines
29398-96-7	[1,1'-Biphenyl]-4,4'-diamine, N,N'-bis(2,4- dinitrophenyl)-3,3'-dimethoxy-
13223-43-3	[1,2,4]Triazol[1,5-a]pyrimidin-2-amine, 5,7-dimethoxy-
19201-36-6	[2-[(1-oxoallyl)oxy]ethyl] hydrogen maleate
71463-78-0	[3-(N-Ethylperfluorooctane-1-sulfonamido)propan-1-yl]phosphonic acid
569-64-2	[4-[[4-(dimethylamino)phenyl](phenyl)methylidene]cyclohexa-2,5-dien-1-ylidene](dimethyl)ammonium chloride; malachite green chloride
99685-96-8	[5,6]Fullerene-C60-Ih
115383-22-7	[5,6]Fullerene-C70-D5h(6)
145809-19-4	[5,6]Fullerene-C84-D2
145809-20-7	[5,6]Fullerene-C84-D2d
119446-68-3	1-(2-[2-chloro-4-(4-chlorophenoxy)phenyl]-4-methyl-1,3-dioxolan-2-yl)methyl)-1H-1,2,4-triazole; difenoconazole
99485-76-4	1-(2-chlorobenzyl)-3-(1-methyl-1-phenylethyl)urea; cumyluron
477218-59-0	1-(3,3-Dimethylcyclohexan-1-yl)ethyl 2-chloroacetate
83121-18-0	1-(3,5-dichloro-2,4-difluorophenyl)-3-(2,6-difluorobenzoyl)urea; teflubenzuron
55179-31-2	1-(4-biphenylloxy)-3,3-dimethyl-1-(1H-1,2,4-triazol-1-yl)-2-butanol; bitertanol
71868-15-0	1,1'-(Oxydi-4,1-phenylene)bis(2-hydroxy-2-methylpropan-1-one)
85095-61-0	1,1,1',1'-Tetramethyl-4,4'-(methylenedi-4,1-phenylene)disemicarbazide
375-03-1	1,1,1,2,2,3,3-Heptafluoro-3-methoxypropane
870778-34-0	1,1,1,2,3,3-Hexafluoro-4-(1,1,2,3,3,3-hexafluoropropoxy)pentane
23153-23-3	1,1,1,3,3-Pentachloropropane
50-29-3	1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane
50-29-3	1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane (Synonym: DDT)
72-43-5	1,1,1-trichloro-2,2-bis(4-methoxyphenyl)ethane; methoxychlor
71-55-6	1,1,1-trichloroethane
68555-74-8	1,1,2,2,3,3,4,4,5,5,5-Undecafluoro-N-(2-hydroxyethyl)-N-methylpentane-1-sulfonamide
68239-72-5	1,1,2,2,3,3,4,4,5,5,5-undecafluoro-N-(4-hydroxybutyl)-N-methylpentane-1-sulphonamide
355-46-4	1,1,2,2,3,3,4,4,5,5,6,6,6-Tridecafluorohexane-1-sulfonic acid
68555-75-9	1,1,2,2,3,3,4,4,5,5,6,6,6-Tridecafluoro-N-(2-hydroxyethyl)-N-methylhexane-1-sulfonamide
375-92-8	1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptane-1-sulphonic acid
68555-76-0	1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-Pentadecafluoro-N-(2-hydroxyethyl)-N-methylheptane-1-sulfonamide
68298-89-5	1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-N-(4-hydroxybutyl)-N-methylheptane-1-sulphonamide
68259-14-3	1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-N-methylheptane-1-sulphonamide
79-34-5	1,1,2,2-tetrachloroethane
79-00-5	1,1,2-trichloroethane
79-01-6	1,1,2-Trichloroethene
3555-47-3	1,1,5,5,5-hexamethyl-3,3-bis[(trimethylsilyl)oxy]trisiloxane
13516-27-3	1,1'-[iminodi(octamethylene)]diguanidine; iminoctadine
3075-84-1	1,1'-Biphenyl, 2,2',5,5'-tetramethyl-
4920-95-0	1,1'-Biphenyl, 3,3',4,4'-tetramethyl-
1717-00-6	1,1-dichloro-1-fluoroethane; HCFC-141b

**Appendix I**  
**List of Substances/Chemicals that are not intended to use in this product**

CAS no.	Substance
75-35-4	1,1-Dichloroethylene; vinylidene dichloride
1910-42-5	1,1'-dimethyl-4,4'-bipyridinium dichloride; paraquat; paraquat dichloride
57-14-7	1,1-dimethylhydrazine
24307-26-4	1,1-dimethylpiperidinium chloride
23911-80-0	1,1'-Diphenyl-1,1'-(butane-1,4-diylbis(oxy(2-hydroxy-4,1-phenylene)))dimethanone
85-00-7	1,1'-ethylene-2,2'-bipyridinium dibromide; diquat dibromide
354-21-2	1,2,2-Trichloro-1,1-difluoroethane
309-00-2	1,2,3,4,10,10-Hexachloro-1,4,4a,5,8,8a-hexahydro-exo-1,4-end-5,8-dimethanonaphthalene (Synonym: Aldrin)
72-20-8	1,2,3,4,10,10-Hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-end-1,4-end-5,8-dimethyanonaphthalene (Synonym: Endrin)
60-57-1	1,2,3,4,10,10-Hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-exo-1,4-end-5,8-dimethanonaphthalene (Synonym: Dieldrin)
63936-56-1	1,2,3,4,5-Pentabromo-6-(tetrabromophenoxy)benzene
85-22-3	1,2,3,4,5-Pentabromo-6-ethylbenzene
608-93-5	1,2,3,4,5-Pentachlorobenzene
67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran
35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin
3389-71-7	1,2,3,4,7,7-hexachlorobicyclo[2.2.1]hepta-2,5-diene
55673-89-7	1,2,3,4,7,8,9-Hexachlorodibenzofuran
70648-26-9	1,2,3,4,7,8-Hexachloro dibenzofuran
39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin
57117-44-9	1,2,3,6,7,8-Hexachloro dibenzofuran
57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin
72918-21-9	1,2,3,7,8,9-Hexachloro dibenzofuran
72918-38-8	1,2,3,7,8,9-Hexachloro dibenzofuran
19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin
40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin
-	1,2,3,7,8-Pentachloro dibenzofurans
160535-46-6	1,2,3-Propanetricarboxamide, N1,N2,N3-tris(2-methylcyclohexyl)-
-	1,2,3-Propanetriol, homopolymer, alkanoates and Glycerides, alkanoate, mono-, di- and tri-
102-76-1	1,2,3-Propanetriol, triacetate (Triacetin)
96-18-4	1,2,3-trichloropropane
-	1,2,4,5,7,8-Hexoxonane, 3,6,9-trimethyl-, 3,6,9-tris(alkyl) derivs. (generic)
158965-44-7	1,2,4,5-Benzenetetracarboxylic acid, diethyl ester, compd. with 4,4'-[[1,1'-biphenyl]-2,5-diylbis(oxy)]bis[benzenamine] (1:1)
95-94-3	1,2,4,5-Tetrachlorobenzene
552-30-7	1,2,4-benzenetricarboxylic 1,2-anhydride
196109-17-8	1,2,4-Benzenetricarboxylic acid, 1,2,4-tris[4-(ethenyl)oxy]butyl ester
-	1,2,4-Benzenetricarboxylic acid, mixed decyl and octyl triesters.
87018-38-0	1,2,4-Tribromo-3-butanol
120-82-1	1,2,4-Trichlorobenzene
95-63-6	1,2,4-trimethylbenzene
3194-55-6	1,2,5,6,9,10-Hexabromocyclododecane
85137-09-3	1,2-Benzenediamine, 4-ethoxy-, sulfate (1:1)
309934-69-8	1,2-Benzenedicarboxylic acid, di-C6-14-branched and linear alkyl esters
309934-68-7	1,2-Benzenedicarboxylic acid, di-C7-14-branched and linear alkyl esters
464920-01-2	1,2-Benzenedicarboxylic acid, mixed esters with benzyl alc., cyclohexanol, 2-ethyl-1-hexanol, fumaric acid and propylene glycol
782-74-1	1,2-bis(2-chlorophenyl)hydrazine
252958-29-5	1,2-Cyclohexanedicarboxylic acid, 1-(2-ethylhexyl) 2-(2-methylpropyl) ester
180797-72-5	1,2-Cyclohexanedicarboxylic acid, 1-(2-phenylhydrazide)
21807-69-2	1,2-Cyclohexanedicarboxylic acid, 1,1'-[2,2-bis[[[2-[(oxiranylethoxy)carbonyl]cyclohexyl]carbonyl]oxy]methyl]-1,3-propanediyl] 2,2'-bis(2-oxiranylethyl) ester
1200806-67-2	1,2-Cyclohexanedicarboxylic acid, 1-butyl 2-(phenylmethyl) ester
1190265-49-6	1,2-Cyclohexanedicarboxylic acid, benzyl C8-10-isoalkyl esters, C9-rich
1190264-82-4	1,2-Cyclohexanedicarboxylic acid, benzyl nonyl ester, branched and linear
18085-02-4	1,2-diacetoxybut-3-ene
96-12-8	1,2-dibromo- 3-chloropropane
408319-76-6	1,2-Dibromo-3-pentanol
1649-08-7	1,2-Dichloro-1,1-difluoroethane
99-54-7	1,2-dichloro-4-nitrobenzene
107-06-2	1,2-dichloroethane
78-87-5	1,2-dichloropropane
629-14-1	1,2-Diethoxyethane
930-33-6	1,2-dihydro-3H-1,2,4-triazol-3-one
110-71-4	1,2-Dimethoxyethane
1607-23-4	1,2-epoxy-3-(propenyloxy)propane
26447-14-3	1,2-epoxy-3-(tolylloxy)propane
106-88-7	1,2-epoxybutane
75-56-9	1,2-epoxypropane; propylene oxide
6315-52-2	1,2-Ethandiol, bis(4-methylbenzenesulfonate)
114719-19-6	1,2-Propanediol, 3-(2-propenyloxy)-, bis(4-methylbenzenesulfonate)
100-97-0	1,3,5,7-tetraazatricyclo[3.3.1.1 <sup>3,7</sup> ]decane; hexamethylenetetramine
5248-39-5	1,3,5-Triazin-2-amine, 4-methoxy-N,6-dimethyl-
1078142-02-5	1,3,5-Triazine, 2,4,6-trichloro-, polymer with piperazine, reaction products with morpholine
145963-84-4	1,3,5-Triazine-2,4-diamine, N2,N2-dimethyl-6-(2,2,2-trifluoroethoxy)-
108-67-8	1,3,5-trimethylbenzene
99-35-4	1,3,5-trinitrobenzene
2451-62-9	1,3,5-tris(2,3-epoxypropyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione
106359-91-5	1,3,6-Naphthalenetrisulfonic acid, 7-[2-[2-[(aminocarbonyl)amino]-4-[[4-[[2-[(ethenylsulfonyl)ethoxy]ethyl]amino]-6-fluoro-1,3,5-triazin-2-yl]amino]phenyl]diazonyl]-, sodium salt (1:3)
65150-87-0	1,3,6-Naphthalenetrisulfonic acid, 8-hydroxy-7-[2-[4'-[2-(2-hydroxy-1-naphthalenyl)diazonyl][1,1'-biphenyl]-4-yl]diazonyl]-, lithium salt (1:3)
103697-96-7	1,3-Benzenediamine, 4-(1,1-dimethylethyl)-2(or 6)-methyl-
73019-20-2	1,3-Benzenedicarboxamide, N3-[2-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluoroctyl)sulfonyl]methylamino]ethyl]-N1-[2-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluoroctyl)sulfonyl]propylamino]ethyl]-4-methyl-
119581-93-0	1,3-Benzenedicarboxylic acid, bis[[4-[(ethenyl)oxy]methyl]cyclohexyl]methyl ester

**Appendix I**  
**List of Substances/Chemicals that are not intended to use in this product**

CAS no.	Substance
1313999-39-1	1,3-Benzenediol, 4-[1-[[3-(1H-imidazol-1-yl)propyl]imino]ethyl]-
1008753-84-1	1,3-Benzenediol, polymer with 1,1'-methylenebis[isocyanatobenzene]
101-90-6	1,3-bis[(2,3-epoxypropyl)oxy]benzene
106-99-0	1,3-butadiene
2568-33-4	1,3-Butanediol, 3-methyl-
173904-11-5	1,3-Cyclohexanedimethanamine, N1,N3-bis(2-methylpropylidene)-
1121649-70-4	1,3-Cyclohexanedione, 2-[2-chloro-4-(methylsulfonyl)-3-[(2,2,2-trifluoroethoxy)methyl]benzoyl]-, ion(1-), potassium (1:1)
96-21-9	1,3-dibromopropan-2-ol
109-64-8	1,3-dibromopropane
15263-53-3	1,3-dicarbamoylthio-2-(N,N-dimethylamino)-propane; cartap
96-23-1	1,3-dichloro-2-propanol
118-52-5	1,3-dichloro-5,5-dimethylimidazolidine-2,4-dione
542-75-6	1,3-dichloropropene; D-D
80-73-9	1,3-Dimethyl-2-imidazolidinone
4427-96-7	1,3-Dioxolan-2-one, 4-ethenyl-
646-06-0	1,3-dioxolane
2421-08-1	1,3-Dioxolane-4-butanol, 2-ethenyl-
102-06-7	1,3-diphenylguanidine
-	1,3-Propanediamine, N1, N1-alkyl
136504-96-6	1,3-Propanediamine, N1,N1'-1,2-ethanediylbis-, polymer with 2,4,6-trichloro-1,3,5-triazine, reaction products with N-butyl-2,2,6,6-tetramethyl-4-piperidinamine
1120-71-4	1,3-propanesultone
2682-49-7	1,3-Thiazolidin-2-one
115-28-6	1,4,5,6,7,7-hexachlorobicyclo[2.2.1]-5-heptene-2,3-dicarboxylic acid; chlorendic acid
-	1,4-Benzenediamine, N'(alkyl)-N-[4-[(alkyl)amino]phenyl]-N-phenyl-
117397-31-6	1,4-Benzenedicarboxylic acid, 1,4-bis[4-(ethenyl)oxy]butyl ester
209072-72-0	1,4-Benzenedicarboxylic acid, bis[[4-[(ethenyl)oxy]methyl]cyclohexyl]methyl ester
263244-54-8	1,4-Benzenedicarboxylic acid, dimethyl ester, polymer with 1,4-butanediol, cyclized
-	1,4-Benzenediol, 2-(1,1,3,3-tetramethylbutyl)- and Bis(dimethylamino substituted)carbomonocycle
6770-38-3	1,4-bis(methoxymethyl)benzene
-	1,4-Butanediol, polymer with substituted alkane and substituted methylene biscarbomonocycle, 2-hydroxyalkyl acrylate-blocked
15827-56-2	1,4-Cyclohexanediamine, cis-
2615-25-0	1,4-Cyclohexanediamine, trans-
1373220-73-5	1,4-Cyclohexanedicarboxylic acid, 1,4-dimethyl ester, hydrogenolysis products
159475-15-7	1,4-dibromo-(R*,R*)-(9CI)-3-pentanol
14396-65-7	1,4-Dibromo-2,3-butanediol
19398-47-1	1,4-dibromobutan-2-ol
110-52-1	1,4-dibromobutane
89-61-2	1,4-dichloro-2-nitrobenzene
123-91-1	1,4-dioxane
434898-80-3	1,5-Dioxo-9-azaspiro[5.5]undecane, 3,3,8,8,10,10-hexamethyl-9-[1-[4-(2-oxiranyl)methoxy]phenyl]ethoxy]-
110843-98-6	1,5-Dioxaspiro[5.5]undecane-3,3-dicarboxylic acid, 3,3-bis(1,2,2,6,6-pentamethyl-4-piperidinyl) ester
3173-72-6	1,5-naphthalenediyl diisocyanate
1459738-70-5	1,6-Hexanediamine, N1-(6-aminoethyl)-, polymer with 2-(chloromethyl)oxirane, N-(dithiocarboxy) derivs., sodium salts
4277-06-9	1,9-Cyclohexadecadiene
77-40-7	1. Bisphenol B
112-73-2	1-[2-(2-Butoxyethoxy)ethoxy]butane
146453-62-5	1-[2-Methyl-5-(2-oxopyrrolidin-1-yl)pentan-1-yl]-2-pyrrolidone
6712-98-7	1-[Bis(2-hydroxyethyl)amino]propan-2-ol
333955-79-6	10H-Phenothiazine, ar-(C9-rich C8-10-branched alkyl) derivs.
333955-80-9	10H-Phenothiazine, ar,ar'-(C9-rich C8-10-branched alkyl) derivs.
693-57-2	12-Aminododecanoic acid
-	12-Hydroxystearic acid, reaction products with alkylene diamine and alkanolic acid (generic).
26264-02-8	14-(Nonylphenoxy)-3,6,9,12-tetraoxatetradecan-1-ol
34748-97-5	17-Oxabicyclo[14.1.0]heptadec-8-ene
106-92-3	1-allyloxy-2,3-epoxypropane
82-45-1	1-amino-9,10-anthraquinone
3132-64-7	1-bromo-2,3-epoxypropane
107-04-0	1-Bromo-2-chloroethane
16079-88-2	1-Bromo-3-chloro-5,5-dimethylimidazolidine-2,4-dione
106-94-5	1-bromopropane
851545-17-0	1-Butanaminiium, N-(3-aminopropyl)-N-butyl-N-(2-carboxyethyl)-, N-coco acyl derivs., inner salts
1803407-49-9	1-Butanaminiium, N,N,N-tributyl-, 1-methylethyl carbonate (1:1)
17351-62-1	1-Butanaminiium, N,N,N-tributyl-, carbonic acid (1:1)
478796-04-2	1-Butanaminiium, N,N,N-tributyl-, ethyl carbonate (1:1)
-	1-Butanaminiium, N,N,N-tributyl-, methyl carbonate (1:1).
1338579-13-7	1-Butanaminiium, N,N,N-tributyl-, propyl carbonate (1:1)
103429-90-9	1-Butanol, 3-methoxy-3-methyl-, acetate
119344-86-4	1-Butanone, 2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(4-morpholinyl)phenyl]-
75-68-3	1-chloro-1,1-difluoroethane; HCFC-142b
611-19-8	1-chloro-2-(chloromethyl)benzene
97-00-7	1-chloro-2,4-dinitrobenzene
90-13-1	1-chloronaphthalene
112-53-8	1-dodecanol; n-dodecyl alcohol
112-36-7	1-Ethoxy-2-(2-ethoxyethoxy)ethane
7747-34-4	1H,3H,5H-Oxazolo[3,4-c]oxazole, dihydro-7a-methyl-
141914-99-0	1H-Benz[e]indolium, 1,1,2,3-tetramethyl-, 4-methylbenzenesulfonate (1:1)
133145-29-6	1H-Benzotriazole, 5-(pentyl)oxy-
156679-37-7	1H-Benzotriazole, 5-(pentyl)oxy-, potassium salt
153454-44-5	1H-Benzotriazole, 6-(pentyl)oxy-, sodium salt (1:1)
117806-54-9	1-Heptanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-, lithium salt (1:1)
160653-08-7	1-Hexadecanaminium, N,N-dibutyl-N-(2-hydroxyethyl)-, bromide (1:1)

**Appendix I**  
**List of Substances/Chemicals that are not intended to use in this product**

CAS no.	Substance
676143-36-5	1-Hexadecanesulfonic acid, (dimethylphenyl)-
68298-09-9	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-(phenylmethyl)-
73772-33-5	1-Hexanesulfonamide, N-[3-(dimethylamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, acetate (1:1)
73772-34-6	1-Hexanesulfonamide, N-[3-(dimethylamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-[2-[2-(2-hydroxyethoxy)ethoxy]ethyl]-
4532-96-1	1H-Imidazole, 1-(1-methylethyl)-
65738-56-9	1H-Indene-2-carboxylic acid, 5-chloro-2,3-dihydro-1-oxo-, methyl ester
2820-37-3	1H-Pyrazole, 3,4-dimethyl-
59789-51-4	1H-Pyrrole-2,5-dione, 1-(2,4,6-tribromophenyl)-
111-96-6	1-Methoxy-2-(2-methoxyethoxy)ethane
111109-77-4	1-Methoxy-3-(3-methoxypropoxy)propane
80-15-9	1-methyl-1-phenylethyl hydroperoxide
70-25-7	1-methyl-3-nitro-1-nitrosoguanidine
1325-86-6	1-naphthalenemethanol, $\alpha,\alpha$ -bis[4-(diethylamino)phenyl]-4-(ethylamino)-
6786-83-0	1-naphthalenemethanol, $\alpha,\alpha$ -bis[4-(dimethylamino)phenyl]-4-(phenylamino)-
63-25-2	1-naphthyl N-methylcarbamate; carbaryl; NAC
930-55-2	1-nitrosopyrrolidine
68259-12-1	1-Nonanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-nonadecafluoro-
143-08-8	1-nonanol; n-nonyl alcohol
1314035-96-5	1-Octadecanaminium, N,N-dimethyl-N-[3-(triethoxysilyl)propyl]-, chloride (1:1), reaction products with ethylene glycol
243640-46-2	1-Octadecanol, manuf. of, distn. lights, fractionation heavies, distn. lights
1613320-81-2	1-Octanamine, 7 (or 8)-(aminomethyl)-
182700-90-9	1-Octanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-N-methyl-, reaction products with benzene-chlorine-sulfur chloride (S2Cl2) reaction products chlorides
111-87-5	1-octanol
174615-16-8	1-Pentanamine, 3-[(2-ethylhexyl)oxy]-
68298-08-8	1-Pentanesulfonamide, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-N-(phenylmethyl)-
68298-13-5	1-Pentanesulfonamide, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-N-methyl-
1577-03-3	1-Penten-3-one, 1-(4-chlorophenyl)-4,4-dimethyl-
-	1-Piperidinecarboxylic acid, 2-[(dichloro-hydroxy-carbomonocycle)hydrazono]-, methyl ester
91933-40-3	1-Propanamine, 3-[2-(2-methoxyethoxy)ethoxy]-
944835-56-7	1-Propanamine, N-(1-methylethyl)-,3-(C12-15-alkyloxy) derivs.
68310-75-8	1-Propanaminium, 3-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoroethyl)sulfonyl]amino]-N,N,N-trimethyl-, iodide, ammonium salt (1:1:1)
499781-63-4	1-Propanaminium, 3-amino-N-(2-carboxyethyl)-N,N-dimethyl-, N-coco acyl derivs., inner salts
691401-28-2	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-peanut-oil acyl derivs., inner salts
136504-87-5	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-soya acyl derivs., inner salts
391232-99-8	1-Propanaminium, 3-amino-N,N,N-trimethyl-, N-soya acyl derivs., chlorides
691400-36-9	1-Propanaminium, N-(3-aminopropyl)-2-hydroxy-N,N-dimethyl-3-sulfo-, N-(C12-18 and C18-unsatd. acyl) derivs., inner salts
19721-22-3	1-Propanol, 3-mercapto-
4161-22-2	1-Propanol, 3-propoxy-
-	1-Substituted propane, 3-(triethoxysilyl)-, reaction products with polyethylene glycol mono-(branched tridecyl) ether
80060-09-9	1-tert-butyl-3-(2,6-diisopropyl-4-phenoxyphenyl)thiourea; diafenthiuron
671756-61-9	1-Tetradecanesulfonic acid, (dimethylphenyl)-
1072-63-5	1-vinylimidazole
108-01-1	2- (Dimethylamine) ethanol and a preparation containing the same. However, those containing less than 3.1% of 2- (dimethylamine) ethanol are excluded.
148-79-8	2-(1,3-thiazol-4-yl)-1H-benzimidazole
88-85-7	2-(1-methylpropyl)-4,6-dinitrophenol
20427-84-3	2-(2-(4-Nonylphenoxy)ethoxy)ethanol
79983-71-4	2-(2,4-dichlorophenyl)-1-(1H-1,2,4-triazol-1-yl)-2-hexanol; hexaconazole
73250-68-7	2-(2-benzothiazolyloxy)-N-methylacetanilide; mefenacet
3846-71-7	2-(2H-1,2,3-Benzotriazol-2-yl)-4,6-di-tert-butylphenol
36437-37-3	2-(2H-Benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol
25973-55-1	2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol
21725-46-2	2-(4-chloro-6-ethylamino-1,3,5-triazin-2-yl)amino-2-methylpropionitrile; cyanazine
88671-89-0	2-(4-chlorophenyl)-2-(1H-1,2,4-triazol-1-ylmethyl)hexanenitrile; myclobutanil
80844-07-1	2-(4-ethoxyphenyl)-2-methylpropyl 3-phenoxybenzyl ether; etofenprox
2312-35-8	2-(4-tert-butylphenoxy)cyclohexyl 2-propynyl sulfite; propargite; BPPS
100-37-8	2-(diethylamino)ethanol
2439-35-2	2-(dimethylamino)ethyl acrylate
2867-47-2	2-(dimethylamino)ethyl methacrylate
95-32-9	2-(morpholinodithio)benzothiazole
383-07-3	2-(N-Butan-1-ylperfluorooctane-1-sulfonamido)ethyl acrylate
423-82-5	2-(N-Ethylperfluorooctane-1-sulfonamido)ethyl acrylate
3820-83-5	2-(N-Ethylperfluorooctane-1-sulfonamido)ethyl dihydrogen phosphate
376-14-7	2-(N-Ethylperfluorooctane-1-sulfonamido)ethyl methacrylate
25268-77-3	2-(N-Methylperfluorooctane-1-sulfonamido)ethyl acrylate
14650-24-9	2-(N-Methylperfluorooctane-1-sulfonamido)ethyl methacrylate
95175-38-5	2-(Phenylsulfanyl)ethyl acrylate
21564-17-0	2-(thiocyanatomethylthio)-1,3-benzothiazole; TCMTB
3026-81-1	2,2'-(Dibutylstannylene)bis(thio)diethanol
1116-54-7	2,2'-(nitrosoimino)bisethanol
115-32-0	2,2,2-trichloro-1,1-bis(4-chlorophenyl)ethanol (Synonym: Kelthane or Dicofol)
6846-50-0	2,2,4-Trimethyl-1,3-pentanediol diisobutyrate
-	2,2'-[(1-Methylethylidene)bis[4,1-phenyloxy[1-(butoxymethyl)-(2,1-ethanediyloxy)methylene]]]bisoxirane, reaction product with a diamine
16096-31-4	2,2'-[Hexane-1,6-diylbis(oxymethylene)]bis(oxirane)
4162-45-2	2,2'-[isopropylidenebis(2,6-dibromo-4,1-phenyleneoxy)]diethanol
78-67-1	2,2'-azobisisobutyronitrile
038103-06-9	2,2-bis (4-hydroxyphenyl) propane bis (phthalic anhydride)
6807-17-6	2,2-bis(4'-hydroxyphenyl)-4-methylpentane
6807-17-6	2,2-bis(4'-hydroxyphenyl)-4-methylpentane
105100-80-9	2,2-Bis(bromomethyl)-1-propanol
38051-10-4	2,2-bis(chloromethyl)trimethylene bis(bis(2-chloroethyl)phosphate)

**Appendix I**  
**List of Substances/Chemicals that are not intended to use in this product**

CAS no.	Substance
10222-01-2	2,2-dibromo-2-cyanoacetamide
306-83-2	2,2-dichloro-1,1,1-trifluoroethane; HCFC-123
56-75-7	2,2-dichloro-N-[2-hydroxy-1-(hydroxymethyl)-2-(4-nitrophenyl)ethyl]acetamide; chloramphenicol
82560-54-1	2,2-dimethyl-2,3-dihydro-1-benzofuran-7-yl N-[N-(2-ethoxycarbonyl)ethyl]-N-isopropylsulfenamoyl]-N-methylcarbamate; benfuracarb
56875-68-4	2,2-dioctyl-1,3-dioxo-6,9-dithia-2-stannacycloundecane-4,11-dione
754-12-1	2,3,3,3-Tetrafluoroprop-1-ene
938-22-7	2,3,4,6 Tetrachloroanisole and other derivatives
60851-34-5	2,3,4,6,7,8-Hexachloro dibenzofurans
-	2,3,4,7,8-Petrachloro dibenzofurans
855236-37-2	2,3,4-Tribromo-1-butanol
118-75-2	2,3,5,6-tetrachloro-p-benzoquinone
79538-32-2	2,3,5,6-tetrafluoro-4-methylbenzyl (Z)-3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropanecarboxylate; tefluthrin
51207-31-9	2,3,7,8-Tetrachloro dibenzofurans
1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)
96-13-9	2,3-dibromo-1-propanol
3347-22-6	2,3-dicyano-1,4-dithiaanthraquinone; dithianon
1563-66-2	2,3-dihydro-2,2-dimethyl-7-benzo[b]furyl N-methylcarbamate; carbofuran
55285-14-8	2,3-dihydro-2,2-dimethyl-7-benzo[b]furyl N-(dibutylamino)thio-N-methylcarbamate; carbosulfan
51-52-5	2,3-dihydro-6-propyl-2-thioxo-4(1H)-pyrimidinone; propylthiouracil
87-59-2	2,3-dimethylaniline
556-52-5	2,3-epoxy-1-propanol
106-91-2	2,3-epoxypropyl methacrylate
122-60-1	2,3-epoxypropyl phenyl ether
95-95-4	2,4,5-Trichlorophenol
93-76-5	2,4,5-Trichlorophenoxyacetic acid
137-17-7	2,4,5-trimethylaniline
87-40-1	2,4,6 Trichloroanisole
118-79-6	2,4,6-tribromophenol
108-77-0	2,4,6-trichloro-1,3,5-triazine
88-06-2	2,4,6-trichlorophenol
732-26-3	2,4,6-tri-tert-butylphenol (TTBP)
126505-35-9	2,4,8,10-Tetraoxa-3,9-diphosphaspiro[5.5]undecane, 3,9-bis[2,4,6-tris(1,1-dimethylethyl)phenoxy]-
137759-38-7	2,4-bis(2,4-dimethylphenyl)-6-(2-hydroxy-4-n-octyloxyphenyl)-1,3,5-triazine
1014-70-6	2,4-bis(ethylamino)-6-methylthio-1,3,5-triazine; simetryn
615-05-4	2,4-diaminoanisole
343268-04-2	2,4-Dibromo-3-pentanol
611-06-3	2,4-dichloro-1-nitrobenzene
60168-88-9	2,4'-dichloro-alpha-(5-pyrimidinyl)benzhydriyl alcohol; fenarimol
553-82-2	2,4-dichloroanisole
120-83-2	2,4-dichlorophenol
94-75-7	2,4-dichlorophenoxyacetic acid; 2,4-D; 2,4-PA
95-73-8	2,4-dichlorotoluene
82799-44-8	2,4-diethyl-9H-thioxanthen-9-one
108-08-7	2,4-dimethyl pentane
95-68-1	2,4-dimethylaniline
97-02-9	2,4-dinitroaniline
51-28-5	2,4-dinitrophenol
121-14-2	2,4-Dinitrotoluene
96-76-4	2,4-di-tert-butylphenol
3090-13-9	2,4-Hexadienoic acid, 3-(trimethoxysilyl)propyl ester
123-54-6	2,4-Pentanedione
105-67-9	2,4-xylenol
112-49-2	2,5,8,11-Tetraoxadodecane
856991-78-1	2,5-Dibromo-1-pentanol
213821-20-6	2,5-Dibromo-2-pentanol
103458-14-6	2,5-Furandione, polymer with oxybis[propanol], benzoate
1194-65-6	2,6-dichlorobenzonitrile; dichlobenil; DBN
24157-81-1	2,6-Diisopropyl-naphthalene (2,6-DIPN)
87-62-7	2,6-dimethylaniline
576-26-1	2,6-xylenol
103580-64-9	2,7-Naphthalenedisulfonic acid, 4-amino-3-[2-[4'-[2-(2-amino-4-[(3-butoxy-2-hydroxypropyl)amino]phenyl]diazenyl]-3,3'-dimethyl[1,1'-biphenyl]-4-yl]diazenyl]-5-hydroxy-6-(2-phenyldiazenyl)-, sodium salt (1:2)
-	2,7-Naphthalenedisulfonic acid, 4-amino-3-[substituted]-5-hydroxy-6-[(1E)-2-phenyldiazenyl]-, lithium salt (1:3) (generic)
182238-09-1	2,7-Naphthalenedisulfonic acid, 4-amino-5-hydroxy-, disodium salt (1:2), coupled with diazotized 4-butylbenzenamine, diazotized 4,4'-cyclohexylidenebis[benzenamine] and m-phenylenediamine, sodium salt
72379-45-4	2,7-Naphthalenedisulfonic acid, 4-amino-5-hydroxy-3-[2-[4'-[2-(2-hydroxy-4-[(2-methylphenyl)amino]phenyl]diazenyl)[1,1'-biphenyl]-4-yl]diazenyl]-6-(2-phenyldiazenyl)-
259795-03-4	2,7-Naphthalenedisulfonic acid, 5-[[4-chloro-6-[[2-[2-(ethenylsulfonyl)ethoxy]ethyl]amino]-1,3,5-triazin-2-yl]amino]-4-hydroxy-3-[2-(1-sulfo-2-naphthalenyl)diazenyl]-, sodium salt (1:3)
2081-08-5	2. Bisphenol E
70293-55-9	2-[(2-methyl-1-oxoallyloxy)ethyl] 1,3-dihydro-1,3-dioxoisobenzofuran-5-carboxylate
174489-76-0	2-[(allyloxy)carbonyl]propan-2-yl 2-chloro-5-nitrobenzoate
174489-43-1	2-[(allyloxy)carbonyl]propan-2-yl 5-amino-2-chlorobenzoate
84812-04-4	2-[(Allyloxy)methyl]-1,4,7,10,13,16-hexaoxacyclooctadecane
66008-68-2	2-[[2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-icosafuoroundecyl]sulphonyl]methylamino]ethyl acrylate
66008-69-3	2-[[2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluorononyl]sulphonyl]methylamino]ethyl acrylate
71561-11-0	2-[4-(2,4-dichlorobenzoyl)-1,3-dimethyl-5-pyrazolyloxy]acetophenone; pyrazoxyfen
82692-44-2	2-[4-(2,4-dichloro-m-toluoyl)-1,3-dimethyl-5-pyrazolyloxy]-4-methylacetophenone; benzofenap
68298-60-2	2-[butyl[(pentadecafluoroheptyl)sulphonyl]amino]ethyl acrylate
67939-87-1	2-[ethyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulphonyl]amino]ethyl dihydrogen phosphate
67923-61-9	2-[ethyl[(pentadecafluoroheptyl)sulphonyl]amino]ethyl dihydrogen phosphate
67939-36-0	2-[ethyl[(pentadecafluoroheptyl)sulphonyl]amino]ethyl methacrylate

**Appendix I**  
**List of Substances/Chemicals that are not intended to use in this product**

CAS no.	Substance
67906-70-1	2-[ethyl[(tridecafluorohexyl)sulphonyl]amino]ethyl methacrylate
67906-73-4	2-[ethyl[(undecafluoropentyl)sulphonyl]amino]ethyl methacrylate
66008-70-6	2-[methyl[(2,2,3,3,4,4,5,5,6,6,7,7,7-tridecafluoroheptyl)sulphonyl]amino]ethyl acrylate
68084-62-8	2-[methyl[(pentadecafluoroheptyl)sulphonyl]amino]ethyl acrylate
67939-96-2	2-[methyl[(pentadecafluoroheptyl)sulphonyl]amino]ethyl methacrylate
67584-57-0	2-[methyl[(tridecafluorohexyl)sulphonyl]amino]ethyl acrylate
67584-61-6	2-[methyl[(tridecafluorohexyl)sulphonyl]amino]ethyl methacrylate
67584-56-9	2-[methyl[(undecafluoropentyl)sulphonyl]amino]ethyl acrylate
67584-60-5	2-[methyl[(undecafluoropentyl)sulphonyl]amino]ethyl methacrylate
59071-10-2	2-[ethyl[(pentadecafluoroheptyl)sulphonyl]amino]ethyl acrylate
1893-52-3	2-[ethyl[(tridecafluorohexyl)sulphonyl]amino]ethyl acrylate
68298-06-6	2-[ethyl[(undecafluoropentyl)sulphonyl]amino]ethyl acrylate
306974-63-0	2-[Methyl[(perfluoroalkyl(C=4-8))sulfonyl]amino]ethyl ester of fatty acid(C=18 unsaturated) dimers
27942-27-4	20-(4-Nonylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol
13893-53-3	2-Amino-2,3-dimethylbutanenitrile
141-43-5	2-aminoethanol
119313-12-1	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone
359-07-9	2-Bromo-1,1-difluoroethane
25245-34-5	2-bromo-1,4-dimethoxybenzene
1514-82-5	2-Bromo-3,3,3-trifluoroprop-1-ene
6627-55-0	2-Bromo-4-methylphenol
2052-07-5	2-bromobiphenyl
75-26-3	2-bromopropane
96-29-7	2-Butanone, oxime
4170-30-3	2-butenal
247041-56-1	2-Butenoic acid, 4,4'-[(dibutylstannylene)bis(oxy)]bis[4-oxo-, (2Z,2Z)-, di-C8-10-isoalkyl esters, C9-rich
-	2-Butenoic acid, 4,4'-[(dibutylstannylene)bis(oxy)]bis[4-oxo-, (2Z,2Z)-, di-C9-11-isoalkyl esters, C10-rich
2837-89-0	2-chloro-1,1,1,2-tetrafluoroethane; HCFC-124
75-88-7	2-Chloro-1,1,1-trifluoroethane
51218-49-6	2-chloro-2',6'-diethyl-N-(2-propoxyethyl)acetanilide; pretilachlor
15972-60-8	2-chloro-2',6'-diethyl-N-(methoxymethyl)acetanilide;alachlor
51218-45-2	2-chloro-2'-ethyl-N-(2-methoxy-1-methylethyl)-6'-methylacetanilide; metolachlor
122-34-9	2-chloro-4,6-bis(ethylamino)-1,3,5-triazine; shimazine; CAT
-	2-Chloro-4,6-bis(substituted)-1,3,5-triazine, dihydrochloride
1912-24-9	2-chloro-4-ethylamino-6-isopropylamino-1,3,5-triazine; atrazine
121-87-9	2-chloro-4-nitroaniline
87-63-8	2-Chloro-6-methylaniline
88-73-3	2-chloronitrobenzene
-	2-Chloro-N-methyl-N-substituted acetamide
598-78-7	2-chloropropionic acid
78-59-1	2-Cyclohexen-1-one, 3,5,5-trimethyl-
95-80-7	2-diaminotoluene
110-80-5	2-Ethoxyethanol
110-80-5	2-Ethoxyethanol
111-15-9	2-Ethoxyethyl acetate
111-15-9	2-ethoxyethyl acetate; ethylene glycol monoethyl ether acetate
287933-44-2	2-ethyl-1-(2-(1,3-dioxanyl)ethyl)-pyridinium bromide
104-76-7	2-ethyl-1-hexanol
328389-90-8	2-Ethyl-1-hexanol-blocked acetate salts of polymer of 3-(diethylamino)propane-1,2-diol / 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethylcyclohexane / propylene glycol / reduced methyl ester of reduced polymerized oxidized tetrafluoroethylene
303186-14-3	2-Ethyl-2-adamantyl acrylate
931-35-1	2-Ethyl-5-methyl-4,5-dihydro-1H-imidazole
834-12-8	2-ethylamino-4-isopropylamino-6-methylthio-1,3,5-triazine; ametryn
149-57-5	2-ethylhexanoic acid
-	2-Ethylhexanoic acid, compound with alkylamino cyclohexane (generic); and 2-Ethylhexanoic acid, compound with cyclohexylamine (generic).
1241-94-7	2-ethylhexyl diphenyl phosphate
688-84-6	2-ethylhexyl methacrylate
5466-77-3	2-ethyl-hexyl-4-methoxycinnamate
127523-43-7	2-fluoro-3-propyl [1,2: 2,3-terphenyl] -1-carbonitrile and a preparation containing the same
818-61-1	2-hydroxyethyl acrylate
5395-01-7	2-hydroxyethyl carbamate
96-45-7	2-imidazolidinethione
-	2-Imino-1,3-thiazin-4-one-5,6-dihydrimonohydrochloride
2631-40-5	2-isopropylphenyl N-methylcarbamate; isoprocarb; MIPC
149-30-4	2-mercaptobenzothiazole
70657-70-4	2-Methoxy Propyl Acetate
1589-47-5	2-methoxy-1-propanol
120-71-8	2-methoxy-5-methylaniline
109-86-4	2-Methoxyethanol
109-86-4	2-Methoxyethanol
110-49-6	2-Methoxyethyl acetate
110-49-6	2-methoxyethyl acetate; ethylene glycol monomethyl ether acetate
2682-20-4	2-methy-4-isothiazolin-3-one
71868-10-5	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one
82657-04-3	2-methyl-1,1'-biphenyl-3-ylmethyl (Z)-3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropanecarboxylate; bifenthrin
7384-80-7	2-Methyl-3-phenylpropan-1-ol
5445-77-2	2-Methyl-3-phenylpropanal
99-55-8	2-methyl-5-nitroaniline
249562-06-9	2-Methyladamantan-2-yl acrylate
693-98-1	2-methylimidazole





**Appendix I**  
**List of Substances/Chemicals that are not intended to use in this product**

CAS no.	Substance
67939-37-1	2-Propenoic acid, 2-methyl-, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]ethyl ester, polymer with octadecyl 2-propenoate and 2-propenoic acid
68568-77-4	2-Propenoic acid, 2-methyl-, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoroocetyl)sulfonyl]amino]ethyl ester, polymer with 2-chloro-1,3-butadiene, 2-[ethyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoroheptyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate and 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate
68227-87-2	2-Propenoic acid, 2-methyl-, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoroocetyl)sulfonyl]amino]ethyl ester, telomer with 2-[ethyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoroheptyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-methylloxirane polymer with oxirane mono-2-propenoate and 1-octanethiol
68867-62-9	2-Propenoic acid, 2-methyl-, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoroocetyl)sulfonyl]amino]ethyl ester, telomer with 2-[ethyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoroheptyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 1-octanethiol and .alpha.-(1-oxo-2-propen-1-yl)-.omega.-methoxypoly(oxy-1,2-ethanediy)
73018-93-6	2-Propenoic acid, 2-methyl-, 2-ethylhexyl ester, polymer with 2-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoroocetyl)sulfonyl]methylamino]ethyl 2-propenoate
68797-76-2	2-Propenoic acid, 2-methyl-, 2-ethylhexyl ester, polymer with 2-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoroocetyl)sulfonyl]methylamino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonyl]amino]ethyl 2-propenoate and 2-oxiranylmethyl 2-methyl-2-propenoate
209982-56-9	2-Propenoic acid, 2-methyl-, 2-ethyltricyclo[3.3.1.1 <sup>3,7</sup> ]dec-2-yl ester
25249-16-5	2-Propenoic acid, 2-methyl-, 2-hydroxyethyl ester, homopolymer
-	2-Propenoic acid, 2-methyl-, 2-hydroxyethyl ester, reaction products with hexakis(alkoxyalkyl)melamine
-	2-Propenoic acid, 2-methyl-, 2-hydroxyethyl ester, telomers with C18-26-alkyl acrylate, 1-dodecanethiol, N-(hydroxymethyl)-2-methyl-2-propenamide, polyfluoroocetyl methacrylate and vinylidene chloride, 2,2'-[1,2-diazenediylbis(1-methylethylidene)bis[4,5-dihydro-1H-imidazole]hydrochloride (1:2)-initiated
-	2-Propenoic acid, 2-methyl-, 2-hydroxyethyl esters, telomers with C18-26-alkyl acrylate, 1-dodecanethiol, N-(hydroxymethyl)-2-methyl-2-propenamide, polyfluoroocetyl methacrylate, 2,2'-[1,2-diazenediylbis(1-methylethylidene)bis[4,5-dihydro-1H-imidazole]hydrochloride (1:2)-initiated
306976-55-6	2-Propenoic acid, 2-methyl-, 2-methylpropyl ester, polymer with 2,4-diisocyanato-1-methylbenzene, 2-ethyl-2-(hydroxymethyl)-1,3-propanediol and 2-propenoic acid, N-ethyl-N-(hydroxyethyl)perfluoro-C4-8-alkanesulfonamides-blocked
95590-48-0	2-Propenoic acid, 2-methyl-, 3-(trimethoxysilyl)propyl ester, polymer with ethenylbenzene, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoroocetyl)sulfonyl]amino]ethyl 2-propenoate and 2-hydroxyethyl 2-propenoate
115372-36-6	2-Propenoic acid, 2-methyl-, 3-hydroxytricyclo[3.3.1.1 <sup>3,7</sup> ]dec-1-yl ester
68299-39-8	2-Propenoic acid, 2-methyl-, 4-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoroocetyl)sulfonyl]methylamino]butyl ester, telomer with butyl 2-propenoate, 2-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoroocetyl)sulfonyl]methylamino]ethyl 2-propenoate, 4-[methyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]butyl 2-methyl-2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]butyl 2-methyl-2-propenoate, .alpha.-(2-methyl-1-oxo-2-propen-1-yl)-.omega.-hydroxypoly(oxy-1,4-butanediyl), .alpha.-(2-methyl-1-oxo-2-propen-1-yl)-.omega.-[(2-methyl-1-oxo-2-propen-1-yl)oxy]poly(oxy-1,4-butanediyl), 4-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]butyl 2-methyl-2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]butyl 2-propenoate, 4-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoroheptyl)sulfonyl]amino]butyl 2-methyl-2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoroheptyl)sulfonyl]amino]butyl 2-methyl-2-propenoate, 4-[methyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonyl]amino]butyl 2-methyl-2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonyl]amino]butyl 2-propenoate and 1-octanethiol
82428-30-6	2-Propenoic acid, 2-methyl-, 7-oxabicyclo[4.1.0]hept-3-ylmethyl ester
85736-97-6	2-Propenoic acid, 2-methyl-, C11-14-isoalkyl esters, C13-rich
-	2-Propenoic acid, 2-methyl-, C16-18 esters, telomers with 3-chloro-2-hydroxypropyl methacrylate, 1-dodecanethiol, N-(hydroxymethyl)-2-methyl-2-propenamide, polyfluoroocetyl methacrylate, and rel- (1R,2R,4R)-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl methacrylate, 2,2'-[1,2-diazenediylbis(1-methylethylidene)bis[4,5-dihydro-1H-imidazole]hydrochloride (1:2)-initiated
1078715-90-8	2-Propenoic acid, 2-methyl-, cyclohexyl ester, polymer with ethenylbenzene and 2-oxiranylmethyl 2-methyl-2-propenoate, tert-Bu 2-ethylhexaneperoxoate-initiated
1078715-62-4	2-Propenoic acid, 2-methyl-, cyclohexyl ester, polymer with ethenylbenzene, 4-hydroxybutyl 2-propenoate and 2-oxiranylmethyl 2-methyl-2-propenoate, tert-Bu 2-ethylhexaneperoxoate-initiated
460739-39-3	2-Propenoic acid, 2-methyl-, methyl ester, polymer with butyl 2-propenoate, ethyl 2-propenoate, zinc 2-methyl-2-propenoate (1:2) and zinc 2-propenoate (1:2), 2,2'-[(1,2-diazenediyl)bis(2-methylbutanenitrile)- and 2,2'-[(1,2-diazenediyl)bis(2-methylpropanenitrile)-initiated
903876-45-9	2-Propenoic acid, 3-(5,5,6-trimethylbicyclo[2.2.1]hept-2-yl)cyclohexyl ester
216581-76-9	2-Propenoic acid, 3-hydroxytricyclo[3.3.1.1 <sup>3,7</sup> ]dec-1-yl ester
68227-96-3	2-Propenoic acid, butyl ester, telomer with 2-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoroocetyl)sulfonyl]methylamino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, .alpha.-(2-methyl-1-oxo-2-propen-1-yl)-.omega.-hydroxypoly(oxy-1,4-butanediyl), .alpha.-(2-methyl-1-oxo-2-propen-1-yl)-.omega.-[(2-methyl-1-oxo-2-propen-1-yl)oxy]poly(oxy-1,4-butanediyl), 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonyl]amino]ethyl 2-propenoate and 1-octanethiol
68228-00-2	2-Propenoic acid, ethyl ester, polymer with 4-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoroocetyl)sulfonyl]methylamino]butyl 2-propenoate, 4-[methyl[(1,1,2,2,3,3,4,4,4-nonafluorobutyl)sulfonyl]amino]butyl 2-propenoate, .alpha.-(2-methyl-1-oxo-2-propen-1-yl)-.omega.-hydroxypoly(oxy-1,4-butanediyl), .alpha.-(2-methyl-1-oxo-2-propen-1-yl)-.omega.-hydroxypoly(oxy-1,2-ethanediy), .alpha.-(2-methyl-1-oxo-2-propen-1-yl)-.omega.-[(2-methyl-1-oxo-2-propen-1-yl)oxy]poly(oxy-1,4-butanediyl), .alpha.-(2-methyl-1-oxo-2-propen-1-yl)-.omega.-[(2-methyl-1-oxo-2-propen-1-yl)oxy]poly(oxy-1,2-ethanediy), 4-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]butyl 2-propenoate, 4-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoroheptyl)sulfonyl]amino]butyl 2-propenoate and 4-[methyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonyl]amino]butyl 2-propenoate
55554-55-7	2-Propenoic acid, polymer with 2-propenamide, ammonium salt
107-19-7	2-propyn-1-ol
496849-77-5	2-Pyridinecarboxylic acid, 4,5,6-trichloro-
1546765-39-2	2-Pyridinecarboxylic acid, 4,5-dichloro-6-(4-chloro-2-fluoro-3-methoxyphenyl)-
153954-47-3	2-Pyrrolidinone, 1-ethenyl-3-ethylidene-, (3E)-
3766-81-2	2-sec-butylphenyl N-methylcarbamate; fenobucarb; BPMC
-	2-Substituted benzotriazole
69075-62-3	2-tert-Butyl-4-[(5-tert-butyl-4-hydroxy-2-methylphenyl)sulfonyl]-5-methylphenyl 3-(dodecylsulfanyl)propanoate
96489-71-3	2-tert-butyl-5-(4-tert-butylbenzylthio)-4-chloro-3(2H)-pyridazinone; pyridaben

**Appendix I**  
**List of Substances/Chemicals that are not intended to use in this product**

CAS no.	Substance
88-60-8	2-tert-butyl-5-methylphenol
69327-76-0	2-tert-butylimino-3-isopropyl-5-phenyltetrahydro-4H-1,3,5-thiadiazin-4-one; buprofezin
533-74-4	2-thioxo-3,5-dimethyltetrahydro-2H-1,3,5-thiadiazine; dazomet
3984-22-3	2-vinyl-1,3-dioxolane
100-69-6	2-vinylpyridine
1352994-67-2	3-(difluoromethyl)-1-methyl-N-[(3R)-1,1,3-trimethyl-2,3-dihydro-1H-inden-4-yl]-1H-pyrazole-4-carboxamide and a preparation containing the same. Except that 3-(difluoromethyl)-1-methyl-N-[(3R)-1,1,3-trimethyl-2,3-dihydro-1H-inden-4-yl]-1H-pyrazole-4-carboxamide excluding those containing 3% or less.
330-54-1	3-(3,4-dichlorophenyl)-1,1-dimethylurea; diuron; DCMU
330-55-2	3-(3,4-dichlorophenyl)-1-methoxy-1-methylurea; linuron
36734-19-7	3-(3,5-dichlorophenyl)-N-isopropyl-2,4-dioxoimidazolidine-1-carboxamide; iprodione
68298-11-3	3-(N-{3-[(2-Hydroxyethyl)(dimethyl)ammonio]propan-1-yl}perfluorooctane-1-sulfonamido)propane-1-sulfonate
163802-53-7	3-(Trimethoxysilyl)propyl (2E,4E)-hexa-2,4-dienoate
2417-04-1	3,3',5,5'-Tetramethyl-(1,1'-biphenyl)-4,4'-diol
77-09-8	3,3-bis(4-hydroxyphenyl)-1,3-dihydroisobenzofuran-1-one; phenolphthalein
101-14-4	3,3'-dichloro-4,4'-diaminodiphenylmethane
91-94-1	3,3'-dichlorobenzidine
612-83-9	3,3'-dichlorobenzidine dihydrochloride
838-88-0	3,3'-dimethyl-4,4'-diaminobiphenylmethane 4,4'-methylenedi-o-toluidine
119-93-7	3,3'-dimethylbenzidine; o-tolidine
91-97-4	3,3'-dimethylbiphenyl-4,4'-diyl diisocyanate
66204-44-2	3,3'-methylenebis[5-methyloxazolidine]
76377-07-6	3,4-Dibromo-(2R*,3S*,4S*)-(9CI)-2-pentanol
35330-59-7	3,4-Dibromo-1,2-butanediol
87018-30-2	3,4-Dibromo-1-butanol
3452-97-9	3,5,5-trimethyl-1-hexanol
23950-58-5	3,5-dichloro-N-(1,1-dimethyl-2-propynyl)benzamide; propyzamide
58371-98-5	3,5-dichloropentan-2-one
372-39-4	3,5-difluoroaniline
3861-47-0	3,5-diiodo-4-octanoyloxybenzotrile; ioxynil octanoate
27177-08-8	3,6,9,12,15,18,21,24,27-Nonaaxanonacosan-1-ol,29-(nonylphenoxy)
26571-11-9	3,6,9,12,15,18,21,24-Octaoxahexacosan-1-ol,26-(nonylphenoxy)
104503-68-6	3,6,9,12,15,18,21-Heptaoxatetracontanoic acid, sodium salt (1:1)
27177-05-5	3,6,9,12,15,18,21-Heptaoxatricosan-1-ol,23-(nonylphenoxy)-
-	3,6,9,12,16-Pentaoxanonadec-18-ene-1,14-diol, bis(4-methylbenzenesulfonate)
158357-73-4	3,6,9,12-Tetraoxatetradecane-1,14-diol, 7-[(2-propenyloxy)methyl]-, bis(4-methylbenzenesulfonate)
41024-91-3	3,6,9,12-Tetraoxatetradecane-1,14-diyl bis(4-methylbenzene-1-sulfonate)
-	3,6,9,13-Tetraoxahexadec-15-ene-1,11-diol, bis(4-methylbenzenesulfonate)
112-57-2	3,6,9-triazaundecane-1,11-diamine; tetraethylenepentamine
24748-23-0	3,6,9-Triethyl-3,6,9-trimethyl-1,2,4,5,7,8-hexoxonane
37860-51-8	3,6,9-Trioxaundecane-1,11-diyl bis(4-methylbenzenesulfonate)
74115-24-5	3,6-bis(2-chlorophenyl)-1,2,4,5-tetrazine; clofentezine
-	3,6-Bis(dialkylamino)-9-(2-alkoxycarbonyl)phenyl-xanthylium salt
505-32-8	3,7,11,15-tetramethylhexadec-1-en-3-ol; isophytol
59669-26-0	3,7,9,13-tetramethyl-5,11-dioxa-2,8,14-trithia-4,7,9,12-tetraazapentadeca-3,12-diene-6,10-dione; thiodicarb
103-11-7	3, 2-ETHYLHEXYLACRYLATE
68318-36-5	3-[(carboxymethyl)((heptadecafluorooctyl)sulphonyl)amino]propyltrimethylammonium hydroxide
38850-52-1	3-[(carboxymethyl)((tridecafluorohexyl)sulphonyl)amino]propyltrimethylammonium hydroxide
72785-08-1	3-[[3-(dimethylamino)propyl][(heptadecafluorooctyl)sulphonyl]amino]propanesulphonic acid
38850-60-1	3-[[3-(dimethylamino)propyl][(tridecafluorohexyl)sulphonyl]amino]propanesulphonic acid
153197-14-9	3-[1-(3,5-dichlorophenyl)-1-methylethyl]-3,4-dihydro-6-methyl-5-phenyl-2H-1,3-oxazin-4-one; oxaziclonofone
-	3-Alkyl-2-(2-anilino)vinyl thiazolinium salt
61-82-5	3-amino-1H-1,2,4-triazole; amitrole
107-11-9	3-amino-1-propene
6375-47-9	3'-amino-4'-methoxyacetanilide
15087-24-8	3-benzylidene camphor
106-95-6	3-bromo-1-propene; allyl bromide
106023-63-6	3-Bromo-2-(bromomethyl)-1-propanol
1522-92-5	3-Bromo-2,2-bis(bromomethyl)-1-propanol
2113-57-7	3-bromobiphenyl
4300-97-4	3-chloro-2,2-dimethylpropaneyl chloride
79622-59-6	3-chloro-N-(3-chloro-5-trifluoromethyl-2-pyridyl)-alpha,alpha,alpha-trifluoro-2,6-dinitro-p-toluidine; fluzazinam
107-05-1	3-chloropropene; allyl chloride
620-14-4	3-ethyltoluene
160848-22-6	3'H-Cyclopropa[1,9][5,6]fullerene-C60-Ih-3'-butanoic acid, 3'-phenyl-, methyl ester
1051371-21-1	3'H-Cyclopropa[7,22][5,6]fullerene-C70-D5h(6)-3'-butanoic acid, 3'-phenyl-, methyl ester
609771-63-3	3'H-Cyclopropa[8,25][5,6]fullerene-C70-D5h(6)-3'-butanoic acid, 3'-phenyl-, methyl ester
207399-07-3	3H-Indolium, 2-[2-(2-chloro-3-[(2-(1,3-dihydro-3,3-dimethyl-1-propyl-2H-indol-2-ylidene)ethylidene)-1-cyclohexen-1-yl]ethenyl)-3,3-dimethyl-1-propyl-, iodide (1:1)
440102-72-7	3H-Indolium, 2-[2-[3-(2-(1,3-dihydro-1,3,3-trimethyl-2H-indol-2-ylidene)ethylidene)-2-[(1-phenyl-1H-tetrazol-5-yl)thio]-1-cyclohexen-1-yl]ethenyl]-1,3,3-trimethyl-, chloride (1:1)
6407-78-9	3H-Pyrazol-3-one, 4-[(2,4-dimethylphenyl)azo]-2, 4-dihydro-5-methyl-2-phenyl-
6407-74-5	3H-Pyrazol-3-one, 4[(2-chlorophenyl)azo]-2,4-dihydro-5-methyl-2-phenyl-
55406-53-6	3-iodo-2-propynyl-butylcarbamate (IBPC)
4098-71-9	3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate
66332-96-5	3'-isopropoxy-2-trifluoromethylbenzanilide; flutolanil
163520-33-0	3-Isoxazolecarboxylic acid, 4,5-dihydro-5,5-diphenyl-, ethyl ester
96-24-2	3-MCPD or (3-monochloropropane-1,2-diol or 3-chloro-1,2-propanediol)
13684-63-4	3-methoxycarbonylaminophenyl 3'-methylcarbanilate; phenmedipham
56-49-5	3-Methyl-1,2-dihydrocyclopenta[i]tetraphene
33089-61-1	3-methyl-1,5-di(2,4-xylyl)-1,3,5-triazapenta-1,4-diene; amitraz
64194-22-5	3-Methylpentane-1,5-diyl diacrylate

**Appendix I**  
**List of Substances/Chemicals that are not intended to use in this product**

CAS no.	Substance
108-99-6	3-methylpyridine
3268-49-3	3-methylthiopropional
100912-15-0	3-Methyltridec-1-yn-3-ol
52645-53-1	3-phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate; permethrin
60045-26-3	3-Phenylpropyl benzoate
126980-24-3	4-(2,2-Dicyanoethen-1-yl) phenyl = 2,4,5-trichlorobenzene-1-sulfonato and preparations containing the same
186825-36-5	4-(1-Ethyl-1,3-dimethylpentyl)phenol
142731-63-3	4-(1-Ethyl-1,4-dimethylpentyl)phenol
52427-13-1	4-(1-Ethyl-1-methylhexyl)phenol
58011-68-0	4-(2,4-dichlorobenzoyl)-1,3-dimethyl-5-pyrazolyl 4-toluenesulfonate; pyrazolynate
158237-07-1	4-(2-chlorophenyl)-N-cyclohexyl-N-ethyl-4,5-dihydro-5-oxo-1H-tetrazole-1-carboxamide; fentazamide
58920-31-3	4-(N-Methylperfluorooctane-1-sulfonamido)butan-1-yl acrylate
61577-14-8	4-(N-Methylperfluorooctane-1-sulfonamido)butan-1-yl methacrylate
1412159-51-3	4, 7-Methano-1H-indene, 3a, 4, 7, 7a-tetrahydro-, polymer with 2-methyl-1, 3-butadiene and 5-(1-methylethenyl)bicyclo[2.2.1]hept-2-ene
2687-27-6	4,4'-(1,3-Phenylenediisopropylidene)bisaniiline
-	4,4'-(1-methylethylidene)bisphenol, polymer with (chloromethyl)oxirane and a diamine
16068-37-4	4,4,7,7-tetraethoxy-3,8-dioxa-4,7-disiladecane
611-99-4	4,4'-dihydroxybenzophenone
-	4,4'-Bipyridinium, 1-(phosphonoalkyl)-1'-substituted-, salt with anion (1:2)
553-26-4	4,4'-bipyridyl
2362-14-3	4,4'-Cyclohexane-1,1-diylbis(2-methylphenol)
101-80-4	4,4'-diaminodiphenyl ether
92-86-4	4,4'-Dibromobiphenyl
101-68-8	4,4'-Diphenylmethane diisocyanate
5384-21-4	4,4'-Methylenebis(2,6-dimethylphenol)
6864-37-5	4,4'-methylenebis(2-methylcyclohexanamine)
101-61-1	4,4'-methylenebis(N,N-dimethylaniline)
101-77-9	4,4'-methylenedianiline
80-51-3	4,4'-oxybisbenzenesulfonylhydrazide
139-65-1	4,4'-thiodianiline
27355-22-2	4,5,6,7-tetrachloroisobenzofuran-1(3H)-one; phthalide
59287-66-0	4,5-Dibromo-1-pentanol
213821-22-8	4,5-Dibromo-2-pentanol
-	4,6-Disubstituted pyrimidine
14674-72-7	4. CALCIUMCHLORITE
124029-00-1	4-(Allyloxy)methyl]-3,6,9-trioxaundecane-1,11-diyl bis(4-methylbenzenesulfonate)
68227-97-4	4-[methyl]((pentadecafluoroheptyl)sulphonyl)amino]butyl acrylate
67906-38-1	4-[methyl]((pentadecafluoroheptyl)sulphonyl)amino]butyl methacrylate
68227-98-5	4-[methyl]((tridecafluorohexyl)sulphonyl)amino]butyl acrylate
67939-61-1	4-[methyl]((tridecafluorohexyl)sulphonyl)amino]butyl methacrylate
68227-99-6	4-[methyl]((undecafluoropentyl)sulphonyl)amino]butyl acrylate
67906-40-5	4-[methyl]((undecafluoropentyl)sulphonyl)amino]butyl methacrylate
93-15-2	4-allyl-1,2-dimethoxybenzene
13325-10-5	4-amino-1-butanol
41394-05-2	4-amino-3-methyl-6-phenyl-1,2,4-triazin-5(4H)-one; metamitron
21087-64-9	4-amino-6-tert-butyl-3-methylthio-1,2,4-triazin-5(4H)-one; metribuzin
9-3-1960	4-aminoazobenzene
92-67-1	4-aminobiphenyl and its salts
44804-46-8	4-Bromo-2-(bromomethyl)-1,3-butanediol
98069-26-2	4-Bromo-2-(bromomethyl)-1-butanol
583-71-1	4-bromo-o-xylene
101-55-3	4-bromophenyl phenyl ether
95-69-2	4-Chloro-2-methylaniline
3165-93-3	4-Chloro-2-methylanilinium chloride
129558-76-5	4-chloro-3-ethyl-1-methyl-N-[4-(p-tolyloxy)benzyl]pyrazole-5-carboxamide; tolfenpyrad
59-50-7	4-chloro-3-methylphenol
623-12-1	4-chloroanisole
-	4-heptylphenol, branched and linear
41317-15-1	4-Methoxy-2-methyldiphenylamine
00134-85-9	4-methylbenophenone
134-84-9	4-methylbenzophenone
36861-47-9	4-methylbenzylidene camphor
674-82-8	4-methylideneoxetan-2-one
1003863-30-6	4-Morpholinepropanamine, N-(1,3-dimethylbutylidene)-
104-40-5	4-Nonylphenol, branched and linear, all members
103969-85-3	4-Phenoxybutyl acrylate
6960-17-4	4-Pyrimidinamine, 2,5-dimethoxy-
80-46-6	4-tert-Amylphenol (p-(1,1-dimethylpropyl)phenol)
3279-07-0	4-tert-butyl-2-nitrophenol
98-54-4	4-tert-butylphenol
140-66-9	4-tert-octylphenol
100-40-3	4-vinyl-1-cyclohexene
1623-88-7	5-(chloromethyl)-2-furaldehyde
135285-90-4	5,2,6-(iminomethenimino)-1H-imidazo[4,5-b]pyrazine, octahydro-1,3,4,7,8,10-hexanitro-
63512-36-7	5,8,11,14-Tetraoxaoctadecane
7758-19-2	5. SODIUMCHLORITE
3618-72-2	5'-[N,N-bis(2-acetyloxyethyl)amino]-2'-(2-bromo-4,6-dinitrophenylazo)-4'-methoxyacetanilide
181587-01-9	5-amino-1-(2,6-dichloro-4-trifluoromethylphenyl)-4-ethylsulfinyl-1H-pyrazole-3-carbonitrile; ethiprole
120068-37-3	5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-3-cyano-4-(trifluoromethyl)sulfinyl]pyrazole; fipronil
1698-60-8	5-amino-4-chloro-2-phenylpyridazin-3(2H)-one; chloridazon
10453-86-8	5-benzyl-3-furylmethyl (1RS)-cis-trans-2,2-dimethyl-3-(2-methylprop-1-enyl)cyclopropanecarboxylate; resmethrin
314-40-9	5-bromo-3-sec-butyl-6-methyl-1,2,3,4-tetrahydropyrimidine-2,4-dione; bromacil

**Appendix I**  
**List of Substances/Chemicals that are not intended to use in this product**

CAS no.	Substance
26172-55-4	5-Chloro-2-methylisothiazol-3(2H)-one
31895-21-3	5-dimethylamino-1,2,3-trithiane; thiocyclam
2593-15-9	5-ethoxy-3-trichloromethyl-1,2,4-thiadiazole; echlomezol
81-15-2	5-tert-butyl-2,4,6-trinitro-m-xylene
19666-30-9	5-tert-butyl-3-(2,4-dichloro-5-isopropoxyphenyl)-1,3,4-oxadiazol-2(3H)-one; oxadiazon
15805-10-4	6,6'-Methylenebis-1H-benzotriazole
115-29-7	6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a-hexahydro-6,9-methano-2,4,3-benzodioxathiepine 3-oxide; endosulfan
79-10-7	6. ACRYLICACID
-	6-chloro-O-cresol and derivatives
-	6-Methoxy-1H-benz[de]isoquinoline-2 [3H]-dione derivative
2439-01-2	6-methyl-1,3-dithiolo[4,5-b]quinoxalin-2-one
1129-42-6	6-methyl-2-oxoperhydropyrimidin-4-ylurea
4694-91-1	6-nitrobenzoxazol-2(3H)-one
1633-78-9	6-Sulfanylhexan-1-ol
999-55-3	7. Silanamine, trimethyl-N-trimethylsilyl-
94213-53-3	7-anilino-4-hydroxy-3-[[[6-methoxy-4-[(6-sulpho-2,4-xylyl)azo]-m-tolyl]azo]naphthalene-2-sulphonic acid, sodium salt, compound with 2,2',2"-nitrilotriethanol
117-33-9	7-hydroxy-8-[[4'-[(4-hydroxyphenyl)azo][1,1'-biphenyl]-4-yl]azo]naphthalene-1,3-disulphonic acid
-	7-Oxabicyclo[4.1.0]heptane, 3-ethenyl, homopolymer, ether with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol (3:1), epoxidized
41088-52-2	7-Oxabicyclo[4.1.0]heptane-3-carboxylic acid, methyl ester
26694-69-9	9-[2-(ethoxycarbonyl)phenyl]-3,6-bis(ethylamino)-2,7-dimethylxanthylium ethyl sulphate
591773-92-1	9H-Thioxanthenium, 10-[1,1'-biphenyl]-4-yl-2-(1-methylethyl)-9-oxo-, hexafluorophosphate(1-) (1:1)
153280-11-6	9-Phosphabicyclo[3.3.1]nonane, 9,9'-(1,2-ethanediyl)bis-
83-32-9	Acenaphthene
208-96-8	Acenaphthylene
75-07-0	Acetaldehyde
-	Acetaldehyde based polymer
-	Acetaldehyde, substituted-, reaction products with 2-butyne-1, 4-diol
60-35-5	Acetamide
151717-27-0	Acetamide, N-[2-amino-4-(pentyloxy)phenyl]-
153590-17-1	Acetamide, N-[2-nitro-4-(pentyloxy)phenyl]-
41240-76-0	Acetamide, N-[4-(pentyloxy)phenyl]-
99607-70-2	Acetic acid, [(5-chloro-8-quinolinyl)oxy]-, 1-methylhexyl ester
71-48-7	Acetic acid, cobalt(2+) salt
-	Acetic acid, hydroxy-methoxy-, methyl ester, reaction products with substituted alkylamine
-	Acetoacetanilide reaction product with multifunctional acrylate
67-64-1	Acetone
75-86-5	Acetone cyanohydrin
75-05-8	Acetonitrile
77-90-7	Acetyl tributyl citrate
-	Acetylated castor oil monoglyceride
-	Acetylated fatty acid glycerides
107-02-8	Acrolein
79-06-1	Acrylamide
-	Acrylamide, polymer with substituted alkylacrylamide salt
-	Acrylamide, polymers with tetraalkyl ammonium salt and polyalkyl, aminoalkyl methacrylamide salt
-	Acrylamide-substituted epoxy
-	Acrylate derivative of alkoxysilylalkane ester and mixed metal oxides
-	Acrylate ester
-	Acrylate manufacture byproduct distillation residue
-	Acrylate of hydroxyimide
-	Acrylate of polymer based on isophorone diisocyanate
-	Acrylate resin
-	Acrylated mixed metal oxides
-	Acrylic acid and its water-soluble salts
-	Acrylic acid, polymer with polyalkylene polyamine (generic).
-	Acrylic acid, polymer with substituted acrylamides
-	Acrylic acid, polymer with substituted ethene
107-13-1	Acrylonitrile
-	Acrylosilane resins
-	Acryloxy alkanolic alkane derivative with mixed metal oxides
77536-66-4	Actinolite
103-23-1	Adipates, DEHA and other diesters of adipic acid with aliphatic or araliphatic alcohols)
124-04-9	Adipic acid, salts
-	Adipic acid, substituted propane, alkyldiol, acrylate
-	Alanine, N-(2-carboxyethyl)-N-alkyl-, salt
-	Alcohol propoxylate
-	Alcohol propoxylate sulfate salt
-	Alcohol, alkali metal salt
1476777-83-9	Alcohols, C12-22, distn. residues
-	Alcohols, C6-12, ethoxylated, reaction product with maleic anhydride
1400790-00-2	Alcohols, C9-11-branched, ethoxylated propoxylated
116-06-3	Aldicarb
-	Algal oil amide (generic).
-	Alicyclic acids and their anhydrides
-	Alicyclic polyamine
-	Aliphatic acids and their anhydrides
-	Aliphatic acrylate (generic)
-	Aliphatic dicarboxylic acid salt
-	Aliphatic diisocyanate adduct with substituted amino alkyl silane
-	Aliphatic diisocyanate polymer with alkanediol and alkylglycol
-	Aliphatic diisocyanate, homopolymer, alkanol-blocked

**Appendix I**  
**List of Substances/Chemicals that are not intended to use in this product**

CAS no.	Substance
-	Aliphatic ether
-	Aliphatic ether ethyl alcohol
-	Aliphatic polyamine
-	Aliphatic polycarboxylic acid metal salt
-	Aliphatic polycarboxylic acid, polymer with alicyclic polyhydric alcohol and polyoxyalkylene (generic).
-	Aliphatic polyglycidyl ether
-	Aliphatic polyisocyanate
-	Aliphatic polyisocyanate homopolymer
-	Aliphatic polyisocyanates
-	Aliphatic triamine
-	Alkali metal alkyl borohydride
-	Alkali metal salt of halogenated organoborate
-	Alkali transition metal oxide (generic)
-	Alkaline titania silica gel
-	Alkanaminium, [substituted carbomonocycle[(alkylamino)carbomonocycle]alkylene]-substituted carbomonocycle, carboxylate salt
-	Alkanaminium, polyalkyl-[(2-methyl-1-oxo-2-propenyl)oxy] salt, polymer with acrylamide and substituted alkyl methacrylate
-	Alkanamide, halo-dialkylthienyl-alkoxydialkyl-, manuf. of by-products from
-	Alkanedioic acids, polymer with substituted propanediol, alkanediols, and polyethylene glycol and MDI
-	Alkanenitrile, bis(cyanoalkyl)amino
1417900-96-9	Alkanes, C21-34-branched and linear, chloro
1401974-24-0	Alkanes, C22-30-branched and linear, chloro
1402738-52-6	Alkanes, C24-28, chloro
-	Alkanoic acid, butanediol and cyclohexanealkanol polymer
-	Alkanoic acid, tetramethylheteromonocycle ester (generic).
-	Alkanoic acids, esters with alkanetriol (generic).
-	Alkanoldioic dialkyl esters
-	Alkene substituted Bis phenol
-	Alkenedioic acid dialkyl ester, reaction products with alkenoic acid alkyl esters and diamine
-	Alkenedioic acid, dialkyl ester, reaction products with polyaminocarbomonocycle and alkenoic acid alkyl ester
-	Alkenoic acid, 2-methyl-, 2-oxiranylester, reaction products with 4,4'-methylenebis(cyclohexanamine)
-	Alkenoic acid, polymer with alkyl alkenoate, alkylalkylalkenoate, alkenoic acid and tridecafluoro alkylalkenoate, compds. with alkylaminoalkanol (generic).
-	Alkenoxyloxy arylphenone
-	Alkenyl carboxylate, metal salt
-	Alkenyl dimethyl betaine
-	Alkenyl succinate, amine salts
-	Alkoxy dialkyl aminoalkanol carboxylate
-	Alkoxyamino-alkyl-coumarin
-	Alkoxyated acrylate polymer
-	Alkoxyated aliphatic diisocyanate allyl ether
-	Alkoxyated alkyl amine
-	Alkoxyated alkyldiethylenetriamine, alkyl sulfate salts
-	Alkoxyated alkylpolyol acrylates, adduct with alkylamine
-	Alkoxyated dialkyldiethylenetriamine, alkyl sulfate salt
-	Alkoxyated fatty acid amide, alkylsulfate salt
-	Alkoxyated quaternary alkyl ammonium fluoroalkylsulfonimide
-	Alkyd amide polyol
-	Alkyl acrylate-polyfluoro methacrylate-poly(oxyalkylenediyl)-methacrylates
-	Alkyl alkenoate, azobis-
-	Alkyl amino nitriles
-	Alkyl amino substituted triazine amino substituted benzenesulfonic acid reaction product with naphthalenesulfonate azo substituted phenyl azo substituted benzenesulfonic acid copper compound
-	Alkyl bisphenol (generic).
-	Alkyl carbonate, polymer with, substituted alkanes and substituted heteromonocycle, substituted alkyl acrylate-blocked (generic).
-	Alkyl dialkylamino phenylsulfonyl alkenoate
-	Alkyl ester
-	Alkyl heteropolycyclic-aniline
-	Alkyl maleimide substituted bicyclic olefin
-	Alkyl Mercury compounds
-	Alkyl methacrylates, polymer with substituted carbomonocycle, hydroxymethyl acrylamide and fluorinatedalkyl acrylate
-	Alkyl phenols and alkylphenols ethoxylates
-	Alkyl phenyl polyetheramines
-	Alkyl phosphate derivative
-	Alkyl phosphonate
-	Alkyl phosphonate ammonium salts
-	Alkyl polycarboxylic acids, esters with ethoxylated fatty alcohols
-	Alkyl polycarboxylic acids, esters with ethoxylated fatty alcohols, reaction products with maleic anhydride
-	Alkyl polyethylene glycol phosphate, potassium salt
-	Alkyl silane methacrylate
-	Alkyl silicate, polymer with 2-(chloromethyl)oxirane and 4,4'-(1-methylethylidene)bis[phenol], alkoxyated (generic)
-	Alkyl substituted alkanediol polymer with aliphatic and alicyclic diisocyanates
-	Alkyl substituted amino-benzamide
-	Alkyl substituted aromatic glycidyl ether
-	Alkyl substituted catechol
-	Alkyl substituted diaromatic hydrocarbons
-	Alkyl triazine
-	Alkyl(heterocyclyl) phenylazohetero monocyclic polyone
-	Alkyl(heterocyclyl) phenylazohetero monocyclic polyone, ((alkylimidazolyl) methyl) derivative
-	Alkylaldehyde, reaction products with substituted carbomonocycle-substituted heteromonocycle-alkylene glycol bis[[[substituted(oxoneoalkyl)oxy]alkyl] amino]alkyl] ether polymer and alkyl substituted alkanediamine, acetate salts (generic).
-	Alkylalkenoic acid copolymer
-	Alkylamide derivative

**Appendix I**  
**List of Substances/Chemicals that are not intended to use in this product**

CAS no.	Substance
-	Alkylamides, ethoxylated
-	Alkylaminated polyolefin
-	Alkylamine ethoxylated
-	Alkylaminoalcohol
-	Alkylaryl substituted phosphite
-	Alkylated aromatic isothiocyanate
-	Alkylated aryloxyaniline thiourea
-	Alkylated diarylamine, sulfurized
-	Alkylated diphenyl oxide
-	Alkylated diphenyls
-	Alkylated nitroso-phenylenediamine
-	Alkylated phenols
-	Alkylated sulfonated diphenyl oxide, alkali and amine salts
-	Alkylbenzene sulfonate
-	Alkylbenzene sulfonic acid
-	Alkylbenzenes sulfonic acids, metal salts
-	Alkylbenzenesulfonic acid
-	Alkylbenzenesulfonic acid and sodium salts
-	Alkylbisoxyalkyl (substituted-1,1-dimethylethylphenyl) benzotriazole
-	Alkylcarboxy polyester acrylate reaction products with mixed metal oxides
-	Alkylcyano substituted pyridazo benzoate
-	Alkyldi(alkyloxyhydroxypropyl) derivative, phosphoric acid esters, potassium salts
-	Alkyldiene, polymer, hydroxy terminated alkoxyalkylalkylcarbamate.
-	Alkylene glycol terephthalate and substituted benzoate esters
-	Alkyleneolalkyl ether
-	Alkyletherpropyl dialkylamines
-	Alkylphenol
-	Alkylphenoxypoly(oxyethylene) sulfuric acid ester, substituted amine salt
-	Alkylphenoxypolyalkoxyamine
-	Alkylphenylpolyetheralkanolamines
-	Alkylpoly(oxyalkylene)amine
-	Alkylpolycarboxylic acid, derivative, tris(fluorinatedalkoxy)alkyl ester salt
-	Alkylpolyhydroxy polymer
-	Alkylsulfonium salt
-	Alkyltin halide
-	Alkyltri, tetra, and pentaamines
57-06-7	Allyl isothiocyanate
107-18-6	Allyl alcohol
1797-74-6	Allyl phenylacetate
-	Allyloxysubstituted heterocycle
-	Alpha 1,3-polysaccharide (generic).
1582-09-8	Alpha, alpha, alpha-trifluoro-2,6-dinitro-N,N-dipropyl-p-toluidine; trifluralin
29117-08-6	alpha-[2-(N-Ethylperfluorooctane-1-sulfonamido)ethyl]-omega-hydroxypoly(oxyethylene)
68958-61-2	alpha-[2-(N-Ethylperfluorooctane-1-sulfonamido)ethyl]-omega-methoxypoly(oxyethylene)
68359-37-5	Alpha-cyano-4-fluoro-3-phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate; cyfluthrin
52550-45-5	alpha-Hydro-omega-[2-(N-propan-1-ylperfluorooctane-1-sulfonamido)ethoxy]poly(oxyethylene)
98-83-9	Alpha-methylstyrene
-	alpha-Olefin sulfonate, potassium salts
-	alpha-Olefin sulfonate, sodium salt
20859-73-8	Aluminium phosphide
-	Aluminosilicate Refractory Ceramic Fibres
201167-69-3	Aluminosilicates, phospho-
-	Aluminum calcium oxide salt (generic)
-	Aluminum phosphate
7446-70-0	Aluminum trichloride and a preparation containing the same.
-	Aluminum trihydrate and silane homopolymer
-	Amide free
851544-20-2	Amides, coco, N-[3-(dibutylamino)propyl]
851545-09-0	Amides, coco, N-[3-(dibutylamino)propyl], acrylates
208408-03-1	Amides, from ammonium hydroxide-maleic anhydride polymer and hydrogenated tallow alkyl amines, sodium salts, compds. with ethanolamine
691400-76-7	Amides, peanut-oil, N-[3-(dimethylamino)propyl]
202483-48-5	Amides, tall-oil fatty, N-[2-[(2-hydroxyethyl)amino]ethyl], reaction products with sulfur dioxide
-	Amidinothiopropionic acid hydrochloride
-	Amidoamine modified polyethylene glycol
-	Amidoamine salt
-	Amine adduct
-	Amine aldehyde condensate
-	Amine modified monomer acrylate
-	Amine neutralized phosphated polyesters
-	Amine salt of organic acid
-	Amine salt of vegetable oil, polymer with cycloaliphatic glycol, hydroxy substituted carboxylic acid, aliphatic diisocyanate and tetra hydroxy alkane
-	Amine substituted metal salts
-	Amine terminated bisphenol A diglycidyl ether polymer
-	Amine-modified urea-formaldehyde polymer
900169-60-0	Amines, bis(C11-14-branched and linear alkyl)
863766-30-7	Amines, C11-14-branched and linear alkyl
197527-19-8	Amines, C12-14-tert-alkyl, sulfamates
1005516-89-1	Amines, di-C11-14-isoalkyl, C13-rich
-	Amines, N-(C14-18 and C16-18 unsaturated alkyl) dipropyleneetri-
189120-63-6	Amines, N-coco alkyltrimethylenedi-, citrates
189120-62-5	Amines, N-tallow alkyltripropylene-tetra-, citrates

**Appendix I**  
**List of Substances/Chemicals that are not intended to use in this product**

CAS no.	Substance
-	Amines, tetrapropylene-penta-
-	Amines, tripropylene-tetra-
-	Amino acid, carboxyalkyl, alkylsulfonate, alkali salt
-	Amino alkoxy polydimethylsiloxane, hydroxy-terminated
-	Amino alkyl organoborane
-	Aminoalkanol
-	Aminoalkyl substituted alkylphenol
-	Aminoester of polyalkenylated alkyldicarboxylic acid
-	Aminoethylethylene urea methacrylamide
-	Aminofluoran derivative
-	Aminofunctional alkoxy alkyl siloxane
-	Amino-hydroxy sulfonaphthylazo-disubstituted phenyl azo benzene carboxylate salt
-	Aminophenol
-	Amino-substituted carbopolycycle
-	Aminotriazine modified cresol novolec resin
645-93-2	Ammelide
2991-52-8	Ammonium {ethyl[(heptadecafluorooctyl)sulfonyl]amino}acetate
68259-09-6	Ammonium 1,1,2,2,3,3,4,4,5,5,5-undecafluoropentane-1-sulphonate
68259-07-4	Ammonium 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptane-1-sulphonate
30381-98-7	Ammonium bis[2-(N-ethylperfluorooctane-1-sulfonamido)ethyl] phosphate
67939-97-3	Ammonium bis[2-[ethyl[(pentadecafluoroheptyl)sulphonyl]amino]ethyl] phosphate
7789-09-5	Ammonium dichromate
67906-42-7	Ammonium hencosafluorodecanesulphonate
17202-41-4	Ammonium nonadecafluorononanesulphonate
29081-56-9	Ammonium perfluorooctane-1-sulfonate
1456802-89-3	Ammonium salt of (monohexadecyl ether of polymer of 2-methyloxirane / oxirane) phosphate
306973-47-7	Ammonium salt of [reaction product of 2,4-diisocyanatotoluene, N-(hydroxyethyl)-N-methylperfluoroalkane(C=4-8)sulfonamide and 12-hydroxyoctadecanoic acid]
68259-08-5	Ammonium tridecafluorohexane-1-sulfonate
-	Ammonium/Ammonium salt and its compounds
1310-66-3	Among lithium hydroxide monohydrate and a preparation containing the same, a preparation containing 0.3% or less of lithium hydroxide monohydrate
12172-73-5	Amosite
-	Amphoteric fluorinated surfactant
62-53-3	Aniline
-	Anilino substituted bis-triazinyl derivative of 4,4'-diaminostilbene-2,2'-disulfonic acid, mixed amine sodium salt (generic).
77536-67-5	Anthophyllite
120-12-7	Anthracene
-	Anthracene oil
-	Anthracene oil, anthracene paste
-	Anthracene oil, anthracene paste, anthracene fraction
-	Anthracene oil, anthracene paste, distn. Lights
-	Anthracene oil, anthracene-low
-	Anthraquinonedicarboximide, diamino-N-alkyl-
-	Antimony and its compounds
-	Antimony double oxide
-	Antimony tris(dialkyldithiocarbamate)
-	Any kinds of gelatin made in China
-	Apple
27858-07-7	ar,ar,ar,ar,ar',ar',ar',ar'-Octabromobiphenyl
-	Aromatic acids and their anhydrides
-	Aromatic acrylate
-	Aromatic acrylate monomer
-	Aromatic aldehyde phenolic resin
-	Aromatic amine compound
-	Aromatic amine polyols
-	Aromatic amine with cyclo amino carbonyls
-	Aromatic amines
-	Aromatic bromide
-	Aromatic epoxide resin
-	Aromatic hydrocarbon
-	Aromatic hydrocarbon
-	Aromatic hydrocarbon mixture
-	Aromatic isocyanate methacrylate blocked
-	Aromatic nitro compound
-	Aromatic polyamine
-	Aromatic polyester polyol
-	Aromatic sulfonic acid amino azo dye salts
-	Aromatic sulfonic acid compound with amine
-	Aromatic urethane acrylate oligomer
-	Arsenic and its inorganic compounds
-	Artificial musks such nitro musks and polycyclic musks
-	Aryl polyolefin (generic).
-	Aryl sulfonate of a fatty acid mixture, polyamine condensate
-	Aryloxyacrylate
-	Aryloxyalkyl amine
-	Aryloxyarene
-	Aryl-substituted alkane.
1332-21-4	Asbestos
1332-21-4	Asbestos
-	Aspartic acid, N,N'-(iminodi-alkanediyl)bis, tetraalkane esters
-	Azo chromium complex dyestuff preparation



**Appendix I**  
**List of Substances/Chemicals that are not intended to use in this product**

CAS no.	Substance
-	Azo compounds
-	Azo dye and pigment forming specified
-	Azo monochloro triazine reactive dye
-	Azo nickel complex
-	Azodicarbonamide
359427-90-0	Barium calcium manganese strontium oxide
12230-80-7	Barium manganese oxide (BaMnO3)
1440529-21-4	Barium molybdenum niobium tantalum tellurium vanadium zinc oxide
10294-39-0	Barium perchlorate trihydrate Barium perchlorate (trihydrate)
-	Baryum compounds
100-52-7	Benzaldehyde
8001-54-5	Benzalkonium chloride
73019-19-9	Benzamide, 4-[[4-[[[2-[[[1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptaecafluorooctyl)sulfonyl]propylamino]ethyl]amino]carbonyl]phenyl]methyl]-N-octadecyl-
4921-92-0	Benzamide, N-[(cyclohexylamino)thioxomethyl]-
221667-31-8	Benzamide, N-[[4-[(cyclopropylamino)carbonyl]phenyl]sulfonyl]-2-methoxy-
-	Benzenacetone, cyclohexylidene-alkyl substituted
130169-66-3	Benzenamine, 2,5-dibutoxy-4-(4-morpholinyl)-, sulfate (1:?)
29091-20-1	Benzenamine, 3-chloro-2,6-dinitro-N,N-dipropyl-4-(trifluoromethyl)-
15721-78-5	Benzenamine, 4-(1,1,3,3-tetramethylbutyl)-N-[4-(1,1,3,3-tetramethylbutyl)phenyl]-
10081-67-1	Benzenamine, 4-(1-methyl-1-phenylethyl)-N-[4-(1-methyl-1-phenylethyl)phenyl]-
138859-29-7	Benzenamine, 4-(1-methylbutoxy)-, hydrochloride (1:1)
94148-67-1	Benzenamine, 4,4'-[[1,1'-biphenyl]-2,5-diylbis(oxy)]bis-
2716-10-1	Benzenamine, 4,4'-[1,4-phenylenebis(1-methylethylidene)]bis-
2716-12-3	Benzenamine, 4,4'-[1,4-phenylenebis(1-methylethylidene)]bis[2,6-dimethyl-
16298-38-7	Benzenamine, 4,4'-methylenebis[2-methyl-6-(1-methylethyl)-
76176-94-8	Benzenamine, 4,4'-methylenebis[N-ethyl-N-methyl-
106790-31-2	Benzenamine, 4-isocyanato-N,N-bis(4-isocyanatophenyl)-2,5-dimethoxy-
93072-06-1	Benzenamine, 4-methoxy-2-methyl-N-(3-methylphenyl)-
101-67-7	Benzenamine, 4-octyl-N-(4-octylphenyl)-
4175-37-5	Benzenamine, 4-octyl-N-phenyl
852360-51-1	Benzenamine, 5-(1,1-dimethylethyl)-2-[(2-ethylhexyl)thio]-,4-methylbenzenesulfonate (1:1)
333955-69-4	Benzenamine, N-phenyl-, ar-(C9-rich C8-10-branched alkyl) derivs.
333955-70-7	Benzenamine, N-phenyl-, ar,ar'(C9-rich C8-10-branched alkyl) derivs.
68921-45-9	Benzenamine, N-phenyl-, Reaction Products with Styrene and 2,4,4-Trimethylpentene (BNST)
71-43-2	Benzene
No. 106-46-7	Benzene 1,4-dichloro
125904-10-1	Benzene, (2-bromoethyl)-, ar-bromo derivs.
137873-52-0	Benzene, 1-(1-methylbutoxy)-4-nitro-
186321-98-2	Benzene, 1,1'-methylenebis[4-isocyanato-, homopolymer, Bu alc.-blocked
-	Benzene, 1,1'-methylenebis[4-isocyanato-, polymer with benzenedicarboxylic acid, butyl dialkyl ester, poly[oxy(methyl-1,2-ethanediyl)], .alpha.-hydro-omega.-hydroxy-, oxirane, alkyl-, polymer with oxirane, ether with propanepolyol and Sartomer's HLBH P-3000 and Lexorez 1180
32536-52-0	Benzene, 1,1'-oxybis-, octabromo deriv.
-	Benzene, 1,2-dimethyl-, polypropene derivatives, sulfonated, potassium salts
37133-18-9	Benzene, 1,3-bis(1-chloro-1-methylethyl)-
27060-75-9	Benzene, 1-bromo-4-methoxy-2-methyl-
125904-11-2	Benzene, ethenyl-, ar-bromo derivs.
2536-05-2	Benzene, 1,1'-methylenebis[2-isocyanato-
26447-40-5	Benzene, 1,1'-methylenebis[isocyanato-
5873-54-1	Benzene, 1-isocyanato-2-[(4-isocyanatophenyl)methyl]-
552-30-7	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride trimellitic anhydride; TMA
52460-86-3	Benzenoacetic acid, .alpha.-chloro-.alpha.-phenyl-, ethyl ester
-	Benzenoacetone, alkoxy-[[[alkylsulfonyloxy]imino]-
-	Benzenediazonium, [[[(substituted)azo]phenyl]sulfonyl]amino]-, coupled with aminophenol, diazotized aminobenzoic acid, diazotized (substituted) benzenesulfonic acid and naphthalenol
35358-78-2	Benzenediazonium, 2-(methoxycarbonyl)-, chloride (1:1)
124737-31-1	Benzenediazonium, 4-(dimethylamino)-, salt with 2-hydroxy-5-sulfobenzoic acid (1:1)
-	Benzenedicarboxylic acid, polymer with substituted alkanediol, dodecanedioic acid, 1,2-ethanediol, alkanedioic acid, alkanediol,.alpha.-hydro-omega.-hydroxypoly[oxyalkanediyl], 1,3-isobenzofurandione, methylene diphenyl diisocyanate, 2-oxepanone, 2,2'-oxybis[ethanol] and polymethylene polyphenylene isocyanate
-	Benzenoethanol.halo-.halocycloalkyl-.hydrazinealkyl-
90194-13-1	Benzenemethanaminium, N-(3-aminopropyl)-N,N-dimethyl-, N-soya acyl derivs., chlorides
-	Benzenesulfonamide, alkylphenyl substituted phenyl substituted carbonyl-
-	Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[(4,6-dichloro-1,3,5-triazin-2-yl) amino]-, disodium salt, substituted with dialkyl amines
198716-46-0	Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-[bis(2-hydroxypropyl)amino]-6-[(3-sulfophenyl)amino]-1,3,5-triazin-2-yl]amino]-, disodium salt, compd. with 2,2',2''-nitrotris[ethanol] (1:2)
-	Benzenesulfonic acid, 2,2'-(1,2-ethenediyl)bis[5-[[4-substituted-6-substituted-1,3,5-triazin-2-yl]amino]-, sodium salt
147170-38-5	Benzenesulfonic acid, 4-methyl-, reaction products with 2-[(C10-16-alkyloxy)methyl]oxirane and 2,2,4(or 2,4,4)-trimethyl-1,6-hexanediamine
198716-48-2	Benzenesulfonic acid, 5-[[4-[bis(2-hydroxyethyl)amino]-6-[(3-sulfophenyl)amino]-1,3,5-triazin-2-yl]amino]-2-[2-[4-[[4-bis(2-hydroxypropyl)amino]-6-[(3-sulfophenyl)amino]-1,3,5-triazin-2-yl]amino]-2-sulfophenyl]ethenyl]-, disodium salt, compd. with 2,2',2''-nitrotris[ethanol] (1:2)
-	Benzenesulfonic acid, amino substituted phenylazo-
-	Benzenesulfonic acid, dimethyl-, alkyl derivatives, sodium salt
319926-68-6	Benzenesulfonic acid, dodecyl-, branched, compds. with N1,N1-dimethyl-1,3-propanediamine (2:1)
-	Benzenesulfonic acid, mono C-10-16-alkyl derivs., compounds with 2-propen-1-amine and Alkyl benzene sulfonic acids and alkyl sulfates, amine salts.
195008-77-6	Benzenesulfonic acid, mono-C10-16-alkyl derivs., compds. With 2-propen-1-amine
92-87-5	Benzidine
92-87-5	Benzidine and its salts

**Appendix I**  
**List of Substances/Chemicals that are not intended to use in this product**

CAS no.	Substance
531-85-1	Benzidine dihydrochloride
-	Benzidine-based chemical substances (4-(Substituted naphthalenyl)azo diphenyl azo-substituted carbopolycycle azo benzenesulfonic acid, sodium salt)
-	Benzidine-based chemical substances (4-(Substituted phenyl)azo biphenyl azo-substituted carbopolycycle azo benzenesulfonic acid, sodium salt)
-	Benzidine-based chemical substances (4-(Substituted phenyl)azo biphenyl azosubstituted carbopolycycloazo benzenesulfonic acid, sodium salt)
-	Benzidine-based chemical substances (Phenylazoaminohydroxynaphthalenylazobiphenylazo substituted benzene sodium sulfonate)
56-55-3	Benzo(a)anthracene
50-32-8	Benzo(a)pyrene (BaP)
205-99-2	Benzo(b)fluoranthene
192-97-2	Benzo(e)pyren (BeP)
191-24-2	Benzo(g,h,i)perylene
207-08-9	Benzo(k)fluoranthene
107-15-3	Benzo[ghi]perylene
191-24-2	Benzo[ghi]perylene
205-82-3	Benzo[j]fluoranthene (BjFA)
65-85-0	Benzoic acid and its salts
-	Benzoic acid azo-substituted pyridine
106276-78-2	Benzoic acid, 2,3,4,5-tetrachloro-6-cyano-, methyl ester, reaction products with 4-[(4-aminophenyl)azo]-3-methylbenzenamine and sodium methoxide
144761-93-3	Benzoic acid, 2-[(3-phenylbutylidene)amino]-, methyl ester
163879-69-4	Benzoic acid, 3-amino-, diazotized, coupled with 6-amino-4-hydroxy-2-naphthalenesulfonic acid, diazotized P-(3-aminophenyl)phosphonic acid and diazotized 2,5-diethoxybenzenamine
71807-60-8	Benzoic acid, 3-amino-2-mercapto-
925246-00-0	Benzoic acid, 4-(dimethylamino)-, 1,1'-[(methylimino)di-2,1-ethanediyl] ester
86960-46-5	Benzoic acid, 4-[(1-oxodecyl)oxy]-
-	Benzoic acid, 4-chloro-2-[(substituted)azo]-, strontium salt (1:1)
670241-72-2	Benzoic acid, nonyl ester, branched and linear
119-61-9	Benzophenone
94-18-8	Benzyl 4-hydroxybenzoate
140-11-4	Benzyl acetate
85-68-7	Benzyl Butyl Phthalate (BBP)
100-44-7	Benzyl chloride
98-07-7	Benzylidene trichloride
-	Beryllium and its compounds
11108-64-8	Beryllium copper
13597-95-0	Beryllium perchlorate
622-86-6	beta-chlorophenetole
135-19-3	Betanaphthol
664980-30-7	Bicyclo[2.2.1] heptanedimethanamine, N,N'-bis(1,2-dimethylpropylidene)-
22094-81-1	Bicyclo[2.2.1]hept-2-ene, 5-butyl-
22094-85-5	Bicyclo[2.2.1]hept-2-ene, 5-decyl-
22094-83-3	Bicyclo[2.2.1]hept-2-ene, 5-hexyl-
22094-84-4	Bicyclo[2.2.1]hept-2-ene, 5-octyl-
-	Bimodal mixture consisting of multi-walled carbon nanotubes and other classes of carbon nanotubes (generic).
-	Biocides
92-52-4	Biphenyl
-	Biphenyl alkyl morpholino ketone
-	Biphenyl substituted benzopyran
117-82-8	Bis (2-methoxyethyl) phthalate (DMEP)
542-88-1	Bis (chloromethyl) ether
-	Bis heterocyclic phenylene derivative
80-43-3	Bis(1-methyl-1-phenylethyl) peroxide
-	Bis(2,2,6,6-tetramethylpiperidiny) ester of cycloalkyl spiroketal
1094213-37-2	Bis(2-chloroethyl) {2-[(2-bis(2-hydroxyethyl)amino)ethyl](2-chloroethoxy)phosphoryl]oxy}ethyl]phosphonate
70225-17-1	Bis(2-hydroxyethyl)ammonium 1,1,2,2,3,3,4,4,5,5,5-undecafluoropentane-1-sulphonate
70225-15-9	Bis(2-hydroxyethyl)ammonium pentadecafluoroheptane-1-sulphonate
80-07-9	Bis(4-chlorophenyl) sulphone
10380-28-6	Bis(8-quinolinolato)copper; oxine-copper
-	Bis(imidoethylene) benzene
27987-25-3	Bis(methylcyclohexyl) phthalate
70225-20-6	Bis(N,N,N-trimethyl-3-[[pentadecafluoroheptyl)sulfonyl]amino]propan-1-aminium) sulfate
70248-52-1	Bis(N,N,N-trimethyl-3-[[tridecafluoroheptyl)sulfonyl]amino]propan-1-aminium) sulfate
21544-03-6	Bis(oxiran-2-ylmethyl) cyclohex-4-ene-1,2-dicarboxylate
19372-44-2	Bis(pentane-2,4-dionato)calcium
31732-71-5	Bis(tributyltin) 2,3-dibromosuccinate
6454-35-9	Bis(tributyltin) fumarate
14275-57-1	Bis(tributyltin) maleate
4782-29-0	Bis(tributyltin) phthalate
32315-10-9	Bis(trichloromethyl) carbonate
70225-26-2	Bis[3-[(heptadecafluoroocetyl)sulfonamido]propyl](trimethyl)ammonium] sulfate
21055-88-9	Bis[2-[ethyl]heptadecafluoroocetyl)sulphonyl]amino]ethyl] (4-methyl-1,3-phenylene)biscarbamate
67939-93-9	Bis[2-[ethyl]heptadecafluoroheptyl)sulphonyl]amino]ethyl] hydrogen phosphate
2965-52-8	Bis[2-[N-ethyl]heptadecafluoroocetanesulphonyl]amino]ethyl] hydrogen phosphate
93705-66-9	Bis[3,5-dimethyl-4-(oxiran-2-ylmethoxy)phenyl]methane
-	Bis[phenyl, 2H-1,3-benzoxazine]derivative
-	Bis[phenyl-2H-1,3-benzoxazine]derivative
70225-24-0	Bis(trimethyl-3-[[undecafluoropentyl]sulphonyl]amino]propylammonium] sulphate
68081-83-4	Bis{2-[(N-ethyl-perfluoroalkyl)(C=4-8)sulfonamido]ethyl} (4-methyl-1,3-phenylene)dicarbamate
-	Bisalkylated fatty alkyl amine oxide
-	Bismuth and its compounds

**Appendix I**  
**List of Substances/Chemicals that are not intended to use in this product**

CAS no.	Substance
-	Bismuth compound (generic).
1417164-49-8	Bismuth nitrate oxide (Bi3(NO3)O4)
80-05-7	Bisphenol A (4,4-Isopropylidene diphenol)
40039-93-8	Bisphenol A diglycidyl ether, brominated
1675-54-3	Bisphenol A diglycidylether (BADGE)
3253-39-2	Bisphenol A dimethacrylate
-	Bisphenol A, epichlorohydrin, polyalkylenepolyol and polyisocyanato derivative
000080-05-7	Bisphenol A-2,2,-BIS(4-hydroxyphenyl)propane
-	Bisphenol derivative
39817-09-9	Bisphenol F diglycidyl ether (BFDGE)
000080-09-1	Bisphenol s - 4,4'-dihydroxydiphenyl sulphone
80-09-1	Bisphenol S (BPS)
-	Bisphenol S mono ether
-	Bis-phenoxyethanol fluorene diacrylate
-	Bisphospite nickel cyanoalkyl complex
-	Bisxylenol diglycidyl ether polymer
-	Block isocyanate
-	Blocked polymeric isocyanate
10043-35-3	Boric acid
183290-62-2	Boric acid (H3BO3), mixed esters with polyethylene glycol mono-Bu ether and polyethylene glycol mono-Me ether
-	Boric acid, alkyl and substituted alkyl esters
-	Boron and its compounds
-	Boron halide complex
200443-98-7	Boron sodium oxide (B5NaO8), labeled with boron-10
2312-73-4	BPA, Pyranil Benzyladenine, N-Benzyl-9-(2-tetrahydropyranil)adenine
-	Branched and linear alcohols
-	Branched and linear fatty alcohol ethoxylate
-	Branched synthetic fatty acid
7726-95-6	Bromide
-	Brominated & Chlorinated flame retardants
-	Brominated aliphatic alcohol
-	Brominated aromatic compound
-	Brominated aromatic ester
-	Brominated filtration residue
-	Brominated phthalate ester
-	Brominated polyaromatic compound
1195978-93-8	Brominated polymer of buta-1,3-diene / styrene
-	Brominated polyphenyl ether
-	Brominated polyurethane prepolymers of methylene diphenyl diisocyanate (MDI)
-	Brominated triazine derivative
-	Bromine, manufacture of, byproducts from, distillation residues
1511-62-2	Bromo(difluoro)methane
353-59-3	Bromochlorodifluoromethane; halone-1211
75-27-4	Bromodichloromethane
74-83-9	Bromomethane
75-63-8	Bromotrifluoromethane; halone-1301
-	Buckwheat
78245-94-0	Butanamide, 2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(2,1-diazenediyl)]bis[N-(2,3-dihydro-2-oxo-1H-benzimidazol-5-yl)-3-oxo-
-	Butanamide, 2-[(2-methoxy-4-nitrophenyl)azo]-N-(2-methoxyphenyl)-3-oxo-, 4-[(17-substituted-3,6,9,12,15-pentazaheptadec-1-yl)substituted]phenyl derivs., hydrochlorides
-	Butanamide,N-[substituted phenyl]-[(alkoxynitrophenyl)diazenyl]-3-oxo-
-	Butanedioic acid, 2-methylene-, dialkyl ester (generic)
1134078-27-5	Butanedioic acid, 2-methylene-, polymer with 2,5-furandione, copper(2+) manganese(2+) sodium zinc salt, hydrogen peroxide-initiated
-	Butanedioic acid, alkyl amine, dimethylbutyl ester (generic).
-	Butanoic acid, 3-mercapto-,1,1'-[2-(hydroxymethyl)-2-(substituted-1-oxoalkoxy)methyl]-1,3-propanediyl] ester
-	Butanoic acid, 3-mercapto-,1,1'-[2,2-bis[(substituted-1-oxoalkoxy)methyl]-1,3-propanediyl] ester
888021-82-7	Butanoic acid, 3-mercapto-2-methyl-, ethyl ester
53856-17-0	Butanoic acid, antimony(3+) salt
-	Butoxy-substituted ether alkane
94-26-8	Butyl 4-hydroxybenzoate
94-26-8	Butyl 4-hydroxybenzoate
123-86-4	Butyl acetate
-	Butyl acrylate, polymer with substituted methyl styrene, methyl methacrylate, and substituted silane
-	Butyl aromatic bisurea
94-26-8	Butyl paraben
122008-85-9	Butyl(R)-2-[4-(4-cyano-2-fluorophenoxy)phenoxy]propionate; cyhalofop-butyl
128-37-0	Butylated hydroxytoluene (BHT)
25013-16-5	Butylhydroxyanisole; BHA
-	C.I. Disperse Red 152
-	Cadmium and its compounds
513-78-0	Cadmium carbonate
21041-95-2	Cadmium hydroxide
10022-68-1, 10325-94-7	Cadmium nitrate
13760-37-7	Cadmium perchlorate
79490-00-9	Cadmium perchlorate
10326-28-0	Cadmium perchlorate · hexahydrate
471-34-1	Calcium Carbonate
1262279-30-0	Calcium cobalt lead strontium titanium tungsten oxide
1262279-31-1	Calcium cobalt lead titanium tungsten oxide
156-62-7	Calcium cyanamide
14866-19-4	Calcium dihydrogenpyrophosphate

**Appendix I**  
**List of Substances/Chemicals that are not intended to use in this product**

CAS no.	Substance
13169-90-9	Calcium hydroxide oxide silicate (Ca6(OH)2O2(Si2O5)3)
-	Capped aliphatic isocyanate
-	Caprolactone homopolymer of substituted benzotriazole
173584-44-6	Carbamoyl]indeno[1,2-e][1,3,4]oxadiazine-4a-carboxylate; indoxacarb
-	Carbide derived nanocarbon
-	Carbomonocycle, bis[(4-methylphenoxy)methyl]-
-	Carbomonocycles, polymer with substituted heteromonocycle, succinate, methyl acrylate (generic)
-	Carbon black derived from the pyrolysis of rubber tire shreds
-	Carbon black, (3-methylphenyl)-modified, substituted
-	Carbon black, (4-methylphenyl)-modified, substituted
-	Carbon black, 4-[(17-substituted-3,6,9,12,15-pentaazaheptadec-1-yl) substituted] phenyl-modified, hydrochlorides
-	Carbon black, 4-[[2-(Sulfooxy) ethyl]substituted] phenyl-modified, sodium salts
75-15-0	Carbon disulfide
-	Carbon nanotube (generic).
39345-87-4	Carbon silicon oxide
513-79-1	Carbonic acid, cobalt(2+) salt (1:1)
-	Carbonic acid, dialkyl ester
26504-29-0	Carbonotrithioic acid, bis(phenylmethyl) ester
353-50-4	Carbonyl difluoride
-	Carbopolycyclicol azoalkylaminoalkylcarbomonocyclic ester, halogen acid salt
-	Carboxylic acid glycidyl esters
-	Carboxylic acid, substituted alkylstannylene ester, reaction products with inorganic acid tetra alkyl ester
-	Carboxylic acids, (C6-C9) branched and linear
-	Carboxylic anhydride, polymer with-hydro--hydroxypoly(oxy-1,2-diethanediyl), compd. With 2,3,4,6,7,8,9,10-octahydropyrimido-[1,2-a]azepine
-	Cardanol-based alkyl phosphate
-	Carmine Coated Titanated Mica
-	Carmine Iron Blue Coated Titanated Mica
-	Carmine/Cochineal extract
1462343-28-7	Cashew, nutshell liq., polymer with formaldehyde, reaction products with diethanolamine and diisopropanolamine
8062-08-6	Cassiterite
-	Castor oil, polymer with hydrogenated vegetable oil, 1,1'-methylenebis[isocyanatobenzene] and isocyanate
-	Celery and products thereof
9004-35-7	Cellulose acetate
-	Cereals containing gluten and products thereof
-	Cerium, hydroxy oleate propionate complexes
-	Certain 1,3,5-triazine-2-amine, 4-dimethylamino-6-substituted (1,3,5-Triazine-2-amine, 4-dimethylamino-6-substituted)
-	Certain aromatic ether diamines (1,2,4,5-Benzenetetracarboxylic acid, 1,4-diethyl ester, compound with 4,4'-[[1,1'-biphenyl]-2,5-diylbis(oxy)]bis[benzenamine] (1:1), polymer with 4,4'-[[1,1'-biphenyl]-2,5-diylbis(oxy)]bis[benzenamine]-1,5-diethyl-1,2,4,5-benzenetetracarboxylate (1:1), reaction products with phthalic anhydride)
-	Certain disubstituted alkyl triazines (Disubstituted alkyl triazines)
-	Certain perfluoroalkyl sulfonates (2-Propenoic acid, 2-methyl-, butyl ester, polymer with 2-[ethyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(nonafluorobutyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(tridecafluorohexyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate and 2-propenoic acid)
-	Certain perfluoroalkyl sulfonates (Fluorinated polysiloxane)
-	Certain perfluoroalkyl sulfonates (Fluoroalkyl derivative)
-	Certain perfluoroalkyl sulfonates (Fluorochemical epoxide)
-	Certain perfluoroalkyl sulfonates (Fluorochemical esters)
-	Certain perfluoroalkyl sulfonates (Modified fluoroaliphatic adduct)
-	Certain perfluoroalkyl sulfonates (Perfluorooctane sulfonate)
-	Certain perfluoroalkyl sulfonates (Polymethylenepolyphenylene isocyanate and bis(4-NCO-phenyl)methane reaction products with 2-ethyl-1-hexanol, 2-butanone, oxime, N-ethyl-N-(2-hydroxyethyl)-1-C4-C8 perfluoroalkanesulfonamide)
-	Certain polybrominated diphenylethers.
-	Certain salts of an acrylate copolymer (Salt of an acrylate copolymer)
-	Certain substituted phenyl azo substituted phenyl esters (Substituted phenyl azo substituted phenyl esters)
-	Certain trifunctional ketoximino silanes (Trifunctional ketoximino silane)
52350-17-1	Cesium tungsten oxide
-	Ceteareth-25 sorbate
354-56-3	CFC-111 (C2FC15) Pentachlorofluoroethane
76-12-0	CFC-112 (C2F2Cl4) Tetrachlorodifluoroethane
76-13-1	CFC-113 (C2F3Cl3) 1,1,2-Trichlorotrifluoroethane
76-14-2	CFC-114 (C2F4Cl2) Dichlorotetrafluoroethane
76-15-3	CFC-115 (C2F5Cl) Monochloropentafluoroethane
422-78-6	CFC-211 (C3FC17) Heptachlorofluoropropane
3182-26-1	CFC-212 (C3F2Cl6) Hexachlorodifluoropropane
165977	CFC-213 (C3F3Cl5) Pentachlorotrifluoropropane
29255-31-0	CFC-214 (C3F4Cl4) Tetrachlorotetrafluoropropane
4259-43-2	CFC-215 (C3F5Cl3) Trichloropentafluoropropane
661-97-2	CFC-216 (C3F6Cl2) Dichlorohexafluoropropane
422-86-6	CFC-217 (C3F7Cl) Chloroheptafluoropropane
57-74-9	Chlordane
-	Chlorinated Flame Retardants
71011-12-6	Chlorinatedalkanes C12-13
-	Chlorine and its compounds
184530-92-5	Chlorine containing aliphatic polyphosphate
-	Chloro fluoro alkane
96-10-6	Chloro(diethyl)aluminium
107-20-0	Chloroacetaldehyde
79-11-8	Chloroacetic acid
71011-12-6	Chloroalkanes(C=12-13)
108-42-9	Chloroaniline

**Appendix I**  
**List of Substances/Chemicals that are not intended to use in this product**

CAS no.	Substance
108-90-7	Chlorobenzene
75-45-6	Chlorodifluoromethane; HCFC-22
75-01-4	Chloroethylene; vinyl chloride (VCM)
67-66-3	Chloroform
-	Chloroformate
107-07-3	Chlorohydrins
-	Chlorohydroxyalkyl butyl ether
74-87-3	Chloromethane; methyl chloride
76-15-3	Chloropentafluoroethane; CFC-115
4109-96-0	Chlorosilane
-	Chlorotrifluoroethane; HCFC-133
75-72-9	Chlorotrifluoromethane; CFC-13
-	Chromate(2-), [3-hydroxy-4-[(2-hydroxy-1-naphthalenyl)azo]-7-nitro-1-substituted][N-[7-hydroxy-8-[(2-hydroxy-5-nitrophenyl)azo]-1-substituted]-, salt
118716-61-3	Chromate(3-), [7-[2-(aminohydroxyphenyl)diazenyl]-3-[2-[5-(aminosulfonyl)-2-(hydroxy-.kappa.O)phenyl]diazenyl-.kappa.N1]-4-(hydroxy-.kappa.O)-2-naphthalenesulfonato(3-)]][3-[2-[5-(aminosulfonyl)-2-(hydroxy-.kappa.O)phenyl]diazenyl-.kappa.N1]-4-(hydroxy-.kappa.O)-7-[2-[2-hydroxy-1-[(phenylamino)carbonyl]-1-propen-1-yl]diazenyl]-2-naphthalenesulfonato(3-)]-, sodium (1:3)
-	Chromate(3-), bis 2-[[substituted-3-[(5-sulfo-1-naphthalenyl)azo] phenyl]azo]substituted monocycle, trisodium
327177-98-0	Chromate(3-), bis[3-[2-[4-amino-1,6-dihydro-2-[[[4-[2-(2-hydroxy-1-naphthalenyl)diazenyl]phenyl]sulfonyl]amino]-6-(oxo-.kappa.O)-5-pyrimidinyl]diazenyl-.kappa.N1]-4-(hydroxy-.kappa.O)-5-nitrobenzenesulfonato(3-)]-, sodium salts, compds. with triethanolamine
119535-63-6	Chromate(3-), bis[3-[2-[5-(aminosulfonyl)-2-(hydroxy-.kappa.O)phenyl]diazenyl-.kappa.N1]-4-(hydroxy-.kappa.O)-7-[2-[2-oxo-1-[(phenylamino)carbonyl]propyl]diazenyl]-2-naphthalenesulfonato(3-)]-, sodium (1:3)
178452-72-7	Chromate(3-), bis[3-[2-[6-amino-1,4-dihydro-2-[[[4-[2-(2-hydroxy-1-naphthalenyl)diazenyl]phenyl]sulfonyl]amino]-4-(oxo-.kappa.O)-5-pyrimidinyl]diazenyl-.kappa.N1]-4-(hydroxy-.kappa.O)-5-nitrobenzenesulfonato(3-)]-, sodium (1:3)
118716-62-4	Chromate(3-), bis[7-[2-(aminohydroxyphenyl)diazenyl]-3-[2-[5-(aminosulfonyl)-2-(hydroxy-.kappa.O)phenyl]diazenyl-.kappa.N1]-4-(hydroxy-.kappa.O)-2-naphthalenesulfonato(3-)]-, sodium (1:3)
159574-72-8	Chromate(5-), bis[4-(hydroxy-.kappa.O)-7-[2-(2-hydroxy-1-naphthalenyl)diazenyl]-3-[2-[2-(hydroxy-.kappa.O)-3-nitro-5-sulfophenyl]diazenyl]-2-naphthalenesulfonato(4-)]-, sodium (1:5)
37337-13-6	Chromated Copper Arsenate
-	Chromic acid/ Dichromic acid / Oligomers of chromic acid and dichromic acid
-	Chromium (Cr III) complex of N-ethyl-N-heptadecylfluoro-octane sulfonyl glycine.
-	Chromium and chromium(III) compounds
13537-21-8	Chromium perchlorate (III)
34215-66-2	Chromium perchlorate (III) · decahydrate
56269-88-6	Chromium perchlorate (III) · dihydrate
55147-94-9	Chromium perchlorate (III) · hexahydrate
25013-81-4	Chromium perchlorate (III) · nonahydrate
-	Chromium(VI) compounds
218-01-9, 1719-03-5	Chrysene
12001-29-5	Chrysotile
156-59-2	Cis-1,2-dichloroethylene
-	Cobalt and its compounds
7646-79-9	Cobalt dichloride
-	Cobalt iron manganese oxide, carboxylic acid-modified
182442-95-1	Cobalt lithium manganese nickel oxide
13478-33-6	Cobalt perchlorate (II) · hexahydrate
61789-40-0	Cocamidopropyl betaine
-	Coco acid triamine condensate, polycarboxylic acid salts
-	Coco alkyldimethyl amine salts
94113-91-4	Coke (coal), secondary pitch
8050-09-7	Colophony (resin)
-	Colorants or Pigments
1306-08-7	Columbite-tantalite
-	COMMISSION REGULATION (EU) 2019/1338
8018-01-7	Complex compounds of manganese N,N'-ethylenebis(dithiocarbamate) and zinc N,N'-ethylenebis(dithiocarbamate); mancozeb
-	Complex halogenated salt of tris(ethylatedaminocarbocyclic)methane
-	Complex strontium aluminate, rare earth doped
306977-58-2	Compound of 2,2'-(methylimino)diethanol and (hydrolyzed polymer of acrylic acid / 2-(N-methylperfluoroalkyl(C=4-8)sulfonamido)ethyl acrylate / 3-(trimethoxysilyl)propyl methacrylate / propylene glycol monoacrylate)
1456803-14-7	Compound of 2,2',2''-nitrotriethanol and (polymer of 2-methyloxirane / oxirane monohexadecyl ether phosphate)
70225-14-8	Compound of 2,2'-iminodiethanol and perfluorooctane-1-sulfonic acid (1:1)
1456803-12-5	Compound of 2-aminoethanol and polymer of 2-methyloxirane / (monohexadecyl ether of oxirane) phosphate
66034-17-1	Compound of diphosphoric acid and piperazine
21160-95-2	Compound of methylcarbomodithioic acid and methanamine (1:1)
70225-16-0	Compound of tridecafluorohexane-1-sulfonic acid and 2,2'-iminodiethanol (1:1)
-	Copolymer of alkyl acrylate and ethyleneglycol dimethacrylate
-	Copolymer of alkyl acrylate, methyl methacrylate and tributyltin methacrylate (only those containing 8 carbon atoms in alkyl group of alkyl acrylate)
-	Copolymer of anhydride, a diol and a disubstituted diol
-	Copolymer of dimethyl succinate and (4-hydroxy-2,2,6,6-tetramethylpiperidin-1-yl) ethanol
-	Copolymers of perfluorinated and alkyl methacrylates (generic).
-	Copolymers of phenol and aromatic hydrocarbon
-	Copper and its compounds
144972-86-1	Copper gallium indium selenide
13770-18-8	Copper perchlorate (II) Copper perchlorate (hexahydrate · crystal)
10294-46-9	Copper perchlorate (hexahydrate)
-	Copper salts (water-soluble, except complex salts)
10534-87-9	Copper(2+), tetraammine-, chloride (1:2)
-	Copper, [29H, 31H-phthalocyaninato (2-)-N29, N30, N31, N32]-, 4-[[17-substituted-3,6,9,12,15-pentaazaheptadec-1-yl) substituted] phenyl derivs., hydrochlorides
24484-01-3	Copper, chloro[tris(2-chloroethyl) phosphite-.kappa.P]-

**Appendix I**  
**List of Substances/Chemicals that are not intended to use in this product**

CAS no.	Substance
15709-82-7	Copper, iodotris(triphenylphosphine)-, (T-4)-
61789-28-4	Creosote oil
90640-84-9	Creosote oil, acenaphthene fraction
8021-39-4	Creosote, wood
1319-77-3	Cresol
12001-28-4	Crocidolite
-	Crustaceans and products thereof
98-82-8	Cumene
1078726-28-9	Cuprate(3-), [3-[2-[5-(hydroxy-.kappa.O)-4-[2-[1-(hydroxy-.kappa.O)-6-(phenylamino)-3-sulfo-2-naphthalenyl]diazanyl-.kappa.N1]-2-methylphenyl]diazanyl]-1,5-naphthalenedisulfonato(5-)-], ammonium (1:3)
1078726-27-8	Cuprate(3-), [3-[2-[5-(hydroxy-.kappa.O)-4-[2-[1-(hydroxy-.kappa.O)-6-(phenylamino)-3-sulfo-2-naphthalenyl]diazanyl-.kappa.N1]-2-methylphenyl]diazanyl]-1,5-naphthalenedisulfonato(5-)-], hydrogen, compd. with 2,2'-iminobis[ethanol] (1:3:3)
-	Cuprate, [((((((sulfonylnaphthalenyl)azo)-(substitutedphenyl)azo)-(substitutedsulfonylnaphthalenyl)azo)-substituted phenyl-substituted heteromonocycle), sodium salts
420-04-2	Cyanamide
108-80-5	Cyanuric Acid
675-14-9	Cyanuric fluoride
-	Cyclic amide
-	Cyclic amine reaction product with acetophenone and formaldehyde acid salt
-	Cyclic carboxylic acid, polymer with dihydroxy dialkyl ether, hydroxy substituted alkane and carboxylic acid anhydride, methacrylate terminated polyester
-	Cycloaliphatic epoxy resin
-	Cycloalkylamino cocoalkyl alkylamide acid salts
-	Cycloalkylamino oleyl alkylamide acid salts
85-43-8	Cyclohex-4-ene-1,2-dicarboxylic acid anhydride and preparation containing the same
164383-18-0	Cyclohexanamine, N,N-dimethyl-, compd. with .alpha.-isotridecyl-.omega.-hydroxypoly(oxy-1,2-ethanediyl) phosphate
1014979-92-0	Cyclohexane, oxidized, by-products from, distn. residues
38582-17-1	Cyclohexanecarboxylic acid, cobalt(2+) salt
-	Cyclohexanedicarboxylic acid, dialkyl ester
163119-16-2	Cyclohexanol, 2,6-bis(1,1-dimethylethyl)-4-methyl-
108-91-8	Cyclohexylamine
-	Cyclooctadiene metal derivatives
15290-77-4	Cyclopentane, 1,1,2,2,3,3,4-heptafluoro-
5614-37-9	Cyclopentane, methoxy-
1892-03-1	Cyclopentene, 1,3,3,4,4,5,5-heptafluoro-
1489-69-6	Cyclopropanecarboxaldehyde
7696-12-0	Cyclopropanecarboxylate; tetramethrin
206886-57-9	Cyclotetrasiloxane, 2-(4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-heptafluoroundecyl)-2,4,6,8-tetramethyl-, Si-[3-(oxiranylmethoxy)propyl] derivs
17232-95-0	Cyclotetrasiloxane, 2,4,6,8-tetrakis[3-(2-methoxyethoxy)ethoxy]propyl]-2,4,6,8-tetramethyl-
52315-07-8	Cypermethrin
1163-19-5	Decabromodiphenyl ether
143-50-5	Decachloropentacyclo[5.3.0.0(2,6).0(3,9).0(4,8)]decan-5-one (Synonym: Chlordecone)
65455-72-3	Decaethylene glycol, isononylphenyl ether
68156-06-9	Decafluoro(pentafluoroethyl)cyclohexanesulfonyl fluoride
68318-34-3	Decafluoro(trifluoromethyl)cyclohexanesulfonyl fluoride
7439-92-1	Decamethylcyclopentasiloxane (D5)
541-02-6	Decamethylcyclopentasiloxane (D5)
112-31-2	Decanal or Decyl aldehyde
124-18-5	Decane
334-48-5	Decanoic acid
833482-31-8	Decene, branched and linear
13650-89-9	Dechlorane A
25339-17-7	Decyl alcohol; decanol
-	Derivative of tetrachloroethylene
111-42-2	Dethanolamine and its condensate
-	D-Glucitol, alkylamino-N-acyl derivs.
117-81-7	Di-(2-ethylhexyl) phthalate (DEHP)
-	Dialkenylamide
-	Dialkylcornoilamidoalkylbetaine
-	Di-alkyl borane
-	Dialkyl dimethyl ammonium carbonate
-	Dialkyl dimethyl ammonium carbonate (2:1)
-	Dialkyl dimethyl ammonium methylcarbonate
-	Dialkyl dithiocarbamate esters
-	Dialkyl ether
-	Dialkyl fattyalkylamino propanamide alkylamine (generic).
-	Dialkyl fattyalkylamino propanamide alkylamine acetates (generic).
-	Dialkyl hydroxybenzenealkanoic acid ester
-	Dialkyl phosphorodithioate phosphate compounds
-	Dialkylamidoimidazoline
-	Dialkylamino alkylamide inner salt (generic).
-	Dialkylamino cocoalkyl alkylamide acid salt
-	Dialkylaminophenyl imino pyrazole acid ester
-	Dialkylaminopropyl aminopropanoate ester (generic).
-	Dialkylcocoamidoalkylpropionate
-	Dialkylcornoilamidoacrylate
-	Dialkylcornoilamidoalkylamine
-	Dialkylcornoilamidopropionate
-	Dialkylidithiophosphoric acid, aliphatic amine salt
-	Dialkylol amine, polymer with succinic anhydride and aromatic carboxylic acid (generic).
61386-02-5	Diallyl 5,5'-methylenedianthranilate

**Appendix I**  
**List of Substances/Chemicals that are not intended to use in this product**

CAS no.	Substance
131-17-9	Diallyl phthalate
67969-69-1	Diammonium 2-(N-ethylperfluorooctane-1-sulfonamido)ethyl phosphate
67939-98-4	Diammonium 2-[ethyl(pentadecafluoroheptyl)sulphonyl]amino]ethyl phosphate
-	Di-ammonium di-carboxylate (generic).
119-90-4	Dianisidine and its salts
68891-96-3	Diaquatetrachlorido-mu-[(N-ethylperfluorooctane-1-sulfonamido)acetato]-mu-hydroxido-bis[(2-methylpropan-1-ol)chromium]
68891-97-4	Diaquatetrachloro[mu-[N-ethyl-N-[(pentadecafluoroheptyl)sulphonyl]glycinato-O1:O1']]-mu-hydroxybis(propan-2-ol)chromium
68891-98-5	Diaquatetrachloro[mu-[N-ethyl-N-[(tridecafluoroheptyl)sulphonyl]glycinato-O1:O1']]-mu-hydroxybis(propan-2-ol)dichromium
68891-99-6	Diaquatetrachloro[mu-[N-ethyl-N-[(undecafluoropentyl)sulphonyl]glycinato-O1:O1']]-mu-hydroxybis(propan-2-ol)dichromium
1303-28-2	Diarsenic Pentoxide
510-30-5	Diarsenic Trioxide
-	Diazo substituted carbomonocyclic metal complex
-	Diazotized substituted heteromonocycle coupled with naphthalene sulfonic acid derivative, nickel complex, alkaline salt
53-70-3	Dibenz(a,h)anthracene
-	Dibenzimidazothianaphthalene
191-30-0	Dibenzo (a,1) pyrenes
192-65-4	Dibenzo (a,e) pyrenes
189-64-0	Dibenzo (a,h) pyrenes
189-55-9	DIBENZO (A,I) PYRENE
189-55-9	Dibenzo (a,i) pyrenes
189-64-0	DIBENZO [B,DEF] CHRYSENE
224-42-0	Dibenzo(a,i) acridine
103-50-4	Dibenzyl ether
10192-46-8	Diboron trizinc hexaoxide
14720-55-9	Diboron zinc tetraoxide
124-48-1	Dibromochloromethane
35691-65-7	Dibromodicyanobutane
3296-90-0	Dibromoneopentyl-glycol
-	Dibromotetrafluoroethane; halone-2402
84-74-2	Dibutyl phthalate (DBP)
109-43-3	Dibutyl sebacate
22673-19-4	Dibutylbis(pentane-2,4-dionato-O,O')tin
22673-19-4	Dibutylbis(pentane-2,4-dionato-O,O')tin
-	Dicarboheterocycle-substituted carbomonocyclicdicarboxamide
-	Dicarbomonocycle-substituted carbomonocyclicdicarboxamide
-	Dicarboxylic acid monoester
-	Dichloro, hydroxy, hydrazino-carbomonocycle
-	Dichloro, hydroxy, hydrazino-carbomonocycle-monohydrochloride
79-43-6	Dichloroacetic acid
27134-27-6	Dichloroaniline
95-50-1	Dichlorobenzene
75-71-8	Dichlorodifluoromethane; CFC-12
75-43-4	Dichlorofluoromethane; HCFC-21
-	Dichloropentafluoropropane; HCFC-225
-	Dichlorotetrafluoroethane; CFC-114
-	Dicyandiamide and its derivatives
84-61-7	Dicyclohexyl phthalate (DCHP)
84-61-7	Dicyclohexyl phthalate (DCHP)
-	Dicyclohexylmethane-4,4'-diisocyanate, polymer with ethoxylated, propoxylated polyethers
77-73-6	Dicyclopentadiene
-	Dicyclopentadiene polymer with maleic anhydride and alkyl alcohols
94-37-1	Dicyclopentamethylenethiuram disulfide
251099-16-8	Didecan-1-yl(dimethyl)ammonium perfluorooctane-1-sulfonate
7173-51-5	Didecyl dimethylammonium chloride (DDAC)
123-28-4	Didodecyl 3,3'-thiodipropionate
-	Diethanolamine salt of polymeric acid
-	Diethoxybenzenamine derivative, diazotized, coupled with aminonaphthalenesulfonic acid derivative, ammonium salt
71463-80-4	Diethyl [3-(N-ethylperfluorooctane-1-sulfonamido)propan-1-yl]phosphonate
84-66-2	Diethyl phthalate (DEP)
976-56-7	diethyl[[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methyl]phosphonate
-	Diethylene glycol, polymer with diisocyanatoalkane, polyethylene glycol monomethyl ether- and fluorinatedalkanol-blocked
-	Diglycidylaniline
-	Dihydro quinacridone derivative
84-69-5	Diisobutyl phthalate (DIBP)
-	Diisocyanate terminated polycarbodiimide
26761-40-0	Diisodecyl phthalate (DIDP)
71850-09-4	Diisohexyl phthalate
28553-12-0	Diisononyl phthalate (DINP)
68515-48-0	Diisononyl Phthalate (DINP)
166412-78-8	Diisononyl-cyclohexane-1-2-dicarboxylate (DINCH)
27554-26-3	Diisooctyl phthalate (DIOP)
605-50-5	Diisopentyl phthalate (DIPP)
50512-35-1	Diisopropyl 1,3-dithiolan-2-ylidenemalonate; isoprothiolane
105-64-6	Diisopropyl peroxydicarbonate
-	Dimer acid/polymerized rosin amidoamine reaction product
-	Dimer acid/rosin amidoamine reaction product
-	Dimer acids, polymer with polyalkylene glycol, bisphenol A-diglycidyl ether, and alkylene polyols polyglycidyl ethers
149850-30-6	Dimethyl 2,2'-((3-acetamido-4-((2-cyano-4-nitrophenyl)diazonyl)phenyl)imino)diacetate
52-68-6	Dimethyl 2,2,2-trichloro-1-hydroxyethylphosphonate; trichlorfon; DEP
62-73-7	Dimethyl 2,2-dichlorovinyl phosphate; dichlorvos; DDVP
23564-05-8	Dimethyl 4,4'-(o-phenylene)bis(3-thioallophanate); thiophanate-methyl
-	Dimethyl alkylamine salt

**Appendix I**  
**List of Substances/Chemicals that are not intended to use in this product**

CAS no.	Substance
624-92-0	Dimethyl disulfide
1731-79-9	Dimethyl dodecanedioate
624-49-7	Dimethyl fumarate (DMF)
131-11-3	Dimethyl phthalate (DMP)
-	Dimethyl siloxy-polyfluoro methyl siloxy-poly(oxyalkylenediyl) methyl siloxy copolymer
120-61-6	Dimethyl terephthalate
-	Dimethyl terephthalate, polymer with alkyl diol and substituted benzoates
67939-88-2	Dimethyl[3-(perfluorooctane-1-sulfonamido)propan-1-yl]ammonium chloride
-	Dimethyl-3-substituted heteromonocycle
-	Dimethyl-3-substituted heteromonocyclic amine
124-40-3	Dimethylamine
-	Dimethylaminoalkyl alkene amide
3865-34-7	Dimethylbis(oleoiloxy)stannane
79-44-7	Dimethylcarbomoyl chloride
27987-25-3	Dimethylcyclohexyphthalate (DMCHP)
67-68-5	Dimethylsulfoxide
551-92-8	Dimetridazole
2528-36-1	Di-n-butyl phenyl phosphate
84-74-2	Di-n-butyl Phthalate (DNBP)
-	Dineopentyl-4-substituted phthalate
84-75-3	Di-n-hexyl phthalate (DHP or DHEXP)
27478-34-8	Dinitronaphthalene
25321-14-6	Dinitrotoluene
117-84-0	Di-n-octyl Phthalate (DNOP)
131-18-0	Di-n-pentyl Phthalate (DNPP or DPENP)
2500-88-1	Diocadecyl disulphide
-	Diocetyl tin (DOT) compounds
-	Dioxins
131-18-0	Dipentan-1-yl phthalate
-	Diperoxy ketal
-	Diphenol tars
101-84-8	Diphenyl ether
75980-60-8	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide
122-39-4	Diphenylamine
-	Diphenylmethane diisocyanate (MDI) modified
-	Diphenylmethane diisocyanate polymer with alkanolic diacid and alkanediol
200013-65-6	Diphosphoric acid, polymers with ethoxylated reduced Me esters of reduced polymd. oxidized tetrafluoroethylene
13455-00-0	Diphosphorus Tetraiodide
4619-08-3	Disiloxane, 1,3-dibutyl-1,1,3,3-tetramethyl-
121263-51-2	Disiloxane, 1-butyl-1,1,3,3-tetramethyl-
16071-86-6	Disodium [5-[[4'-[[2,6-dihydroxy-3-[(2-hydroxy-5-sulphophenyl)azo]phenyl]azo][1,1'-biphenyl]-4-yl]azo]salicylate(4-)]cuprate(2-)
573-58-0	Disodium 3,3'-(biphenyl-4,4'-diyl)bis(4-aminonaphthalene-1-sulfonate)
6470-20-8	Disodium 4-[[4,5-dihydro-3-methyl-5-oxo-1-phenyl-1H-pyrazol-4-yl]azo]-4'-(2-hydroxy-1-naphthyl)azo][1,1'-biphenyl]-2,2'-disulphonate
2429-83-6	Disodium 4-amino-3-[[4'-[(2,4-diamino-5-methylphenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate
1937-37-7	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)diazenyl]biphenyl-4-yl]diazenyl]-5-hydroxy-6-(phenyl)diazenyl]naphthalene-2,7-disulphonate
3626-28-6	Disodium 4-amino-5-hydroxy-3-[[4'-[(4-hydroxyphenyl)diazenyl]biphenyl-4-yl]diazenyl]-6-(phenyl)diazenyl]naphthalene-2,7-disulphonate
4335-09-5	Disodium 4-amino-5-hydroxy-6-[[4'-[(4-hydroxyphenyl)azo][1,1'-biphenyl]-4-yl]azo]-3-[(4-nitrophenyl)azo]naphthalene-2,7-disulphonate
2429-82-5	Disodium 5-[[4'-[(7-amino-1-hydroxy-3-sulfonato-2-naphthyl)diazenyl]biphenyl-4-yl]diazenyl]-2-hydroxybenzoate
2429-79-0	Disodium 5-[[4'-[(1-amino-4-sulphonato-2-naphthyl)azo][1,1'-biphenyl]-4-yl]azo]salicylate
2429-84-7	Disodium 5-[[4'-[(2-amino-8-hydroxy-6-sulphonato-1-naphthyl)azo][1,1'-biphenyl]-4-yl]azo]salicylate
3811-71-0	Disodium 5-[[4'-[(2,4-diamino-5-[(4-sulphophenyl)azo]phenyl)azo][1,1'-biphenyl]-4-yl]azo]salicylate
2893-80-3	Disodium 5-[[4'-[(2,4-dihydroxy-3-[(4-sulphonatophenyl)azo]phenyl)azo][1,1'-biphenyl]-4-yl]azo]salicylate
6360-54-9	Disodium 5-[[4'-[[2,6-diamino-3-methyl-5-[(4-sulphonatophenyl)azo]phenyl]azo][1,1'-biphenyl]-4-yl]azo]-3-methylsalicylate
2586-58-5	Disodium 5-[[4'-[[2,6-diamino-3-methyl-5-[(4-sulphonatophenyl)azo]phenyl]azo][1,1'-biphenyl]-4-yl]azo]salicylate
3567-65-5	Disodium 7-hydroxy-8-[[4'-[[4-[[[p-tolyl]sulphonyl]oxy]phenyl]azo][1,1'-biphenyl]-4-yl]azo]naphthalene-1,3-disulphonate
2302-97-8	Disodium 8,8'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(7-hydroxynaphthalene-1-sulphonate)
3530-19-6	Disodium 8-[[4'-[(4-ethoxyphenyl)azo][1,1'-biphenyl]-4-yl]azo]-7-hydroxynaphthalene-1,3-disulphonate
68214-82-4	Disodium hydrogen 5-amino-3-[[4'-[(7-amino-1-hydroxy-3-sulphonato-2-naphthyl)azo][1,1'-biphenyl]-4-yl]azo]-4-hydroxynaphthalene-2,7-disulphonate
556-67-2	Disodium octaborate
12008-41-2	Disodium octaborate
13708-85-5	Disodium pydrogen phosphite
1330-43-4	Disodium tetraborate, anhydrous
7345-69-9	Disodium tetrathioperoxycarbonate
15666-29-2	Distannathiane, 1,3-dibutyl-1,3-dithio-
642928-30-1	Distillates (Fischer-Tropsch), hydroisomerized middle, C10-13-branched alkane fraction
-	Distillates (petroleum), C(3-6), polymers with styrene and mixed terpenes
5996-91-0	Distillates coal tar, upper
-	Distillation bottoms from manufacture of brominated cycloalkanes
-	Distillation bottoms, alkylated benzene by-product
-	Distillation bottoms, alkylated benzene by-product, brominated and bromo diphenyl alkane
-	Di-substituted acetophenone
-	Disubstituted benzene alkanal (generic).
-	Disubstituted benzene ether, polymer with substituted phenol
-	Disubstituted benzene metal salts
-	Disubstituted benzenedicarboxylic acid
-	Disubstituted benzenesulfonic acid, alkali metal salt
-	Disubstituted benzoic acid, alkali metal salt
-	Disubstituted diamino anisole
-	Disubstituted diphenylsulfone
-	Disubstituted halogenated pyridinol
-	Disubstituted nitrobenzene



**Appendix I**  
**List of Substances/Chemicals that are not intended to use in this product**

CAS no.	Substance
-	Disubstituted phenol
-	Disubstituted phenoxazine, chlorometalate salt
-	Disubstituted phenylazo trisubstituted naphthalene
-	Di-substituted propanedione
-	Disubstituted thiazazole
-	Disubstituted thiadiazosulfone
-	Disubstituted-N'-hydroxy-benzenecarboximidamide
-	Disulfonic acid rosin amine salt of a benzidine derivative
-	Ditetradecyl Ester
8022-00-2	Diethyl ethylmercaptoethyl thiophosphate (Methyldemeton)
125005-87-0	Diutan gum
4074-90-2	Divinyl adipate
1321-74-0	Divinylbenzene
5989-27-5	D-Limonene
-	Dodecachloropentacyclo[12.2.1.16.9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus" <sup>TM</sup> ) covering any of its individual anti- and syn-isomers or any combination thereof
61788-32-7	Dodecamethylcyclohexasiloxane (D6)
540-97-6	Dodecamethylcyclohexasiloxane (D6)
112-40-3	Dodecane
4080-98-2	Dodecanedioic acid, dihydrazide
1773514-92-3	Dodecanoic acid, reaction products with cadmium zinc selenide sulfide and oleylamine
155569-91-8	Emamectin benzoate
106-89-8	Epichlorohydrin
-	Epoxidised soy bean oil
-	Epoxidized copolymer of phenol and substituted phenol
-	Epoxy derivatives (BADGE, BFDGE or NOGE)
-	Epoxy modified alkyd resin, partially neutralized
-	Epoxy resin containing phosphorus
-	Epoxy terminated, hydrolyzed trialkoxysilane and glycidyl ether of phenol-formaldehyde resin
105-60-2	Epsilon-caprolactam
1651152-96-3	Erbium gadolinium neodymium sulfur ytterbium yttrium oxide
934388-91-7	Erbium gadolinium sulfur ytterbium oxide
1622295-07-1	Erbium gadolinium sulfur ytterbium yttrium oxide
1651152-05-4	Erbium gadolinium ytterbium oxide
12510-42-8	erionite
66733-21-9	Erionite
91081-99-1	Ester of adipic acid and (reaction product of 2-(chloromethyl)oxirane and N-(hydroxyethyl)-N-methylperfluoroalkane(C=4-8)sulfonamide)
106008-94-0	Ester of boric acid and alpha-hydro-omega-methoxypoly(oxyethylene)
-	Esteramine (generic).
-	Estrogle
89610-32-2	Ethanaminium, N-[bis(diethylamino)methylene]-N-ethyl-, bromide (1:1)
163206-29-9	Ethanaminium, N-ethyl-2-hydroxy-N,N-bis(2-hydroxyethyl)-, diesters with C12-18-fatty acids, Et sulfates (salts)
406-78-0	Ethane, 1,1,2,2-tetrafluoro-1-(2,2,2-trifluoroethoxy)-
1885-48-9	Ethane, 2-(difluoromethoxy)-1,1,1-trifluoro-
76-01-7	Ethane, pentachloro-
-	Ethanediiimdic acids
690-83-5	Ethaneperoxoic acid, 1,1-dimethylpropyl ester
75-08-1	Ethanethiol
64-17-5	Ethanol
6752-33-6	Ethanol, 2,2'-(hexylimino)bis-
105362-40-1	Ethanol, 2,2',2''-nitrilotris-, compd. with .alpha.-[2,4,6-tris(1-phenylethyl)phenyl]-omega.-hydroxypoly(oxy-1,2-ethanediyl) phosphate
284477-82-3	Ethanol, 2,2'-[(3-[(2-ethylhexyloxy)pentyl]imino)bis-]
114719-15-2	Ethanol, 2,2'-[[1-[(2-propenyloxy)methyl]-1,2-ethanediyl]bis(oxy)]bis-, bis(4-methylbenzenesulfonate)
90367-25-2	Ethanol, 2,2'-[[3-[(2-hydroxyethyl)amino]propyl]imino]bis-, N-(hydrogenated tallow alkyl) derivs.
19249-03-7	Ethanol, 2,2'-[1,2-ethanediylbis(oxy)]bis-, bis(4-methylbenzenesulfonate)
97925-95-6	Ethanol, 2,2'-iminobis-, N-(C13-15-branched and linear alkyl) derivs
7460-82-4	Ethanol, 2,2'-oxybis-, bis(4-methylbenzenesulfonate)
85712-26-1	Ethanol, 2-[(2-hydroxyethyl)amino]-, 1-(dihydrogen phosphate), N-coco alkyl derivs., N-oxides, dipotassium salts
85712-27-2	Ethanol, 2-[(2-hydroxyethyl)amino]-, 1-(dihydrogen phosphate), N-tallow alkyl derivs., N-oxides, dipotassium salts
27176-93-8	Ethanol, 2-[2-(nonylphenoxy)ethoxy]-
7311-27-5	Ethanol, 2-[2-[2-(4-nonylphenoxy)ethoxy]ethoxy]-
105658-30-8	Ethanol, 2-amino-, compd. with N-hydroxy-N-nitrosobenzenamine (1:1)
79771-09-8	Ethanol, reaction products with ammonia, distn. residues
63141-09-3	Ethanone, 1-(1-chlorocyclopropyl)-
71526-07-3	Ethanone, 2,2-dichloro-1-(1-oxa-4-azaspiro[4.5]dec-4-yl)-
121776-57-6	Ethanone, 2,2-dichloro-1-[(5R)-5-(2-furanyl)-2,2-dimethyl-3-oxazolidinyl]-
120983-72-4	Ethanone, 2-chloro-1-(1-chlorocyclopropyl)-
-	Ether amine phosphonate
-	Ether amine phosphonate salt
-	Ethoxybenzothiazole disulfide
-	Ethoxylated alcohol, phosphated, amine salt
-	Ethoxylated alkyl quaternary ammonium compound
-	Ethoxylated alkylphenol sulfate, ammonium salt
-	Ethoxylated alkylsulfate, substituted alkylamine salt
350820-95-0	Ethoxylated cashew nutshell liquid
103331-86-8	Ethoxylated propoxylated alcohols(C=12-14, secondary)
-	Ethoxylated substituted naphthol
-	Ethoxylated, propoxylated diamine diaryl substituted phenylmethane ester with alkenylsuccinate, dialkylethanolamine salt
1869-77-8	Ethyl (N-ethylperfluorooctane-1-sulfonamido)acetate
83130-01-2	Ethyl (Z)-3-[N-benzyl-N-[[methyl(1-methylthioethylideneamino)oxycarbonyl]amino]thio]amino]propionate; alanycarb
2597-03-7	Ethyl 2-[(dimethoxyphosphinothioyl)thio]-2-phenylacetate; phenthoate; PAP

**Appendix I**  
**List of Substances/Chemicals that are not intended to use in this product**

CAS no.	Substance
76578-14-8	Ethyl 2-[4-(6-chloro-2-quinoxalinyloxy)phenoxy]propionate; quizalofop-ethyl
13684-56-5	Ethyl 3-phenylcarbamoyloxycarbanilate; desmedipham
120-47-8	Ethyl 4-hydroxybenzoate
141-78-6	Ethyl acetate
140-88-5	Ethyl acrylate
100-41-4	Ethyl benzene
51-79-6	Ethyl carbamate
105-39-5	Ethyl chloroacetate
62-50-0	Ethyl methanesulphonate
615-53-2	Ethyl methylnitrosocarbamate
68957-54-0	Ethyl N-ethyl-N-[(pentadecafluoroheptyl)sulphonyl]glycinate
68957-53-9	Ethyl N-ethyl-N-[(tridecafluorohexyl)sulphonyl]glycinate
68555-79-3	Ethyl N-ethyl-N-[(undecafluoropentyl)sulphonyl]glycinate
56-38-2	Ethyl parathion
-	Ethyl silicate, reaction products with modified alkoxysilane salt
23676-09-7	Ethyl-4-ethoxybenzoate
-	Ethylated aminophenol
-	Ethylbenzene
32509-66-3	Ethylene bis[3,3-bis[3-(1,1-dimethylethyl)-4-hydroxyphenyl]butanoate]
106-93-4	Ethylene Dibromide (EDB)
-	Ethylene glycol ester of an aromatic substituted propenoic acid (generic).
109-86-4	Ethylene glycol monomethyl ether
75-21-8	Ethylene oxide
-	Ethylene oxide adduct of fatty acid ester with pentaerythritol
-	Ethyleneamine polyphosphates
107-15-3	Ethylenediamine
107-15-3	Ethylenediamine (EDA)
333-18-6	Ethylenediamine dihydrochloride
-	Ethylenediamine, substituted, sodium salt
60-00-4	Ethylenediaminetetraacetic acid
151-56-4	Ethyleneimine
61789-01-3	Ethylhexanol esters C16/C18
-	Ethylhexyl oxetane
-	Ethyl-p-acetoxyphenylcarboxylate
85586-67-0	Exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl isobutyrate
-	Fatty acid amide
-	Fatty acid amide acetates
-	Fatty acid amide hydrochlorides
-	Fatty acid amides
-	Fatty acid amine condensate, polycarboxylic acid salts
-	Fatty acid amine salt
-	Fatty acid and its derivatives and its compounds
-	Fatty acid esters with polyols polyalkyl ethers (generic)
-	Fatty acid imidazolines
-	Fatty acid maleic acid amides
-	Fatty acid polyamine condensate, phosphoric acid ester salts
-	Fatty acid rxn products with aminoalkylamines (generic)
-	Fatty acid, ester with styrenated phenol, ethylene oxide adduct
-	Fatty acid, reaction product with substituted oxirane, formaldehyde-phenol polymer glycidyl ether, substituted propylamine and polyethylenepolyamines
-	Fatty acid, reaction products with alkanolamine
-	Fatty acids amine salt
-	Fatty acids C12-18, C18 unsaturated, C12-18 alkyl esters
-	Fatty acids compound with cyclohexanamine
-	Fatty acids reaction products with polyethylenepolyamine and naphthenic acids
-	Fatty acids, amides with triethylenetetramine
184785-38-4	Fatty acids, C10-13-branched, vinyl esters
1211825-32-9	Fatty acids, C14-18 and C16-18 unsatd., polymers with adipic acid and triethanolamine, di-Me sulfate-quaternized
158318-67-3	Fatty acids, C16-18 and C18-unsatd., Me esters, epoxidized
206565-90-4	Fatty acids, C18-unsatd., dimers, reaction products with 1-piperazineethanamine
206565-89-1	Fatty acids, C18-unsatd., dimers, reaction products with 1-piperazineethanamine and tall-oil fatty acids
148240-78-2	Fatty acids, C18-unsatd., trimers, 2-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]methylamino]ethyl esters
148240-81-7	Fatty acids, C18-unsatd., trimers, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonyl]amino]ethyl esters
148240-80-6	Fatty acids, C18-unsatd., trimers, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl esters
148240-82-8	Fatty acids, C18-unsatd., trimers, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]ethyl esters
-	Fatty acids, diesters with dihydroxy bicyclic diether
306973-46-6	Fatty acids, linseed-oil, dimers, 2-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]methylamino]ethyl esters
-	Fatty acids, reaction products with alkanolamine
-	Fatty acids, satd. and unsatd alkyl-, esters with polyol
-	Fatty acids, tall-oil, polymers with alkanolic acid, substituted carbomonocycle, alkyl peroxide-initiated (generic).
-	Fatty acids, tall-oil, reaction products with (butoxymethyl) oxirane formaldehyde-phenol polymer glycidyl ether, morpholinepropanamine, propylene glycol diamine and aliphatic polyamine, N-(1,3-dimethylbutylidene) derivs
203809-20-5	Fatty acids, tall-oil, reaction products with 1-piperazineethanamine and sulfur dioxide
-	Fatty acids, tall-oil, reaction products with 4-methyl-2-pentanone and aliphatic polyamine
-	Fatty acids, tall-oil, reaction products with an ether and triethylenetetramine (generic)
-	Fatty acids, tall-oil, reaction products with modified fatty acids and polyalkanolamines
204401-83-2	Fatty acids, tall-oil, reaction products with sulfur dioxide and triethylenetetramine
-	Fatty alkyl phosphate, alkali metal salt
-	Fatty amide
-	Fatty ester derivatives, reaction products with alkanolamine, hydroxylated, borated (generic)
-	Fattyalkylaminopropanoate ester (generic).
7705-08-0	Ferric chloride

**Appendix I**  
**List of Substances/Chemicals that are not intended to use in this product**

CAS no.	Substance
-	Fish and products thereof
-	Flame retardants (phosphoric organic compounds)
206-44-0	Fluoranthene
86-73-7	Fluorene
-	Fluorene substituted aromatic amine
-	Fluorene-containing diaromatic amines
-	Fluorinated acid alkylester
-	Fluorinated acrylic copolymer
-	Fluorinated alkyl dianiline
-	Fluorinated alkylsulfonamidol urethane polymer
-	Fluorinated carboxylic acid alkali metal salts
-	Fluorinated dialkyl ketone
-	Fluorinated oxirane polymer
-	Fluorine and Fluorine based chemicals
-	Fluoroalkyl acrylate copolymer
-	Fluoroalkyl acrylate copolymer modified with polysiloxanes
-	Fluoroalkyl diester
-	Fluoroalkyl methacrylate copolymer
-	Fluoroalkyl sulfonamide derivatives
-	Fluoroether
-	Fluoro-modified acrylic copolymer
-	Fluoropolymers
-	Fluorosurfactant
-	Formaldehyde reaction products with aryl amine
-	Formaldehyde, condensated polyoxyethylene fatty acid, ester with styrenated phenol, ethylene oxide adduct
-	Formaldehyde, or substances building or containing Formaldehyde
1192146-78-3	Formaldehyde, polymer with .alpha.-(2-aminomethylethyl)-.omega.-(2-aminomethylethoxy)poly[oxy(methyl-1,2-ethanediyl)] and 4-(1,1-dimethylethyl)phenol
1067881-45-1	Formaldehyde, polymer with 1,3-benzenediol and 1,1'-methylenebis[isocyanatobenzene]
135020-80-3	Formaldehyde, polymer with 1,3-benzenediol and ethenylbenzene
300371-38-4	Formaldehyde, polymer with 2-(chloromethyl)oxirane and phenol, reaction products with 6H-dibenz[c,e][1,2]oxaphosphorin 6-oxide
1415313-86-8	Formaldehyde, polymer with 2,3-dimethylphenol, 2,4-dimethylphenol, 2,5-dimethylphenol, 3,5-dimethylphenol, 3-ethylphenol, 4-ethylphenol, 3-methylphenol, 4-methylphenol and phenol
1191244-16-2	Formaldehyde, polymer with 4-(1,1-dimethylethyl)phenol, reaction products with 1-piperazineethanamine
-	Formaldehyde, polymer with aliphatic diamine and phenol, reaction products with 4-methyl-2-pentanone
25214-70-4	Formaldehyde, polymer with benzenamine
-	Formaldehyde, polymer with dialkylphenylamine, dialkylphenol and trimethylhexanediamine
209810-57-1	Formaldehyde, polymer with phenol and 1,2,3-propanetriol, methylated
-	Formaldehyde, polymer with substituted phenols, glycidyl ether
1072227-60-1	Formaldehyde, polymers with acetone-phenol reaction products and phenol, potassium sodium salts
1065544-88-8	Formaldehyde, polymers with acetone-phenol reaction products and phenol, sodium salts
-	Formaldehyde, polymers with substituted phenols
259871-68-6	Formaldehyde, reaction products with 1,3-benzenedimethanamine and bisphenol A
-	Formaldehyde, reaction products with aniline and aromatic mono and di-phenol mixture (generic)
-	Formic acid, compds. with hydrolyzed bisphenol A-epichlorohydrin-polyethylene glycol ether with bisphenol A (2:1) polymer-N1-(1,3-dimethylbutylidene)-N2-[2-[(1, 3-dimethylbutylidene)amino]ethyl]-1,2-ethanediamine-dialdehyde-2-(methylamino)ethanol reaction products acetates (salts), (generic).
-	Formic acid, compds. with hydrolyzed bisphenol A-epichlorohydrin-polyethylene glycol ether with bisphenol A (2:1) polymer-N1-(1,3-dimethylbutylidene)-N2-[2-[(1, 3-dimethylbutylidene)amino]ethyl]-1,2-ethanediamine-dialdehyde-2-(methylamino)ethanol reaction products sulfamates (salts), (generic).
-	Formic acid, compds. with hydrolyzed bisphenol A-epichlorohydrin-polyethylene glycol ether with bisphenol A (2:1) polymer-N1-(1,3-dimethylbutylidene)-N2-[2-[(1, 3-dimethylbutylidene)amino]ethyl]-1,2-ethanediamine-dialdehyde-2-(methylamino)ethanol reaction products acetates (salts), (generic).
-	Formic acid, compds. with hydrolyzed bisphenol A-epichlorohydrin-polyethylene glycol ether with bisphenol A (2:1) polymer-N1-(1,3-dimethylbutylidene)-N2-[2-[(1, 3-dimethylbutylidene)amino]ethyl]-1,2-ethanediamine-dialdehyde-2-(methylamino)ethanol reaction products sulfamates (salts), (generic).
-	Fragrances (butylphenyl methylpropional, hydroxyisohexyl 3-cyclohexene carboxaldehyde)
-	Functionalized multi-walled carbon nanotubes
-	Functionalized polymethine
-	Fungicides
110-00-9	Furan
62435-71-6	Furan, 2-(ethoxymethyl)tetrahydro-
773-14-8	Furan, 2,2,3,3,4,4,5,5-octafluorotetrahydro-
-	Gelatin
-	Getimin
9032-14-8	Glucosyltransferase, International Union of Biochemistry and Molecular Biology Number: 2.4.1.5.
111-30-8	Glutaraldehyde
-	Glycerol fatty acid ester
-	Glycol ethers (dihydroxydiethyl ether) of the E series and beta isomers of the P series
-	Glycol monobenzoate
107-22-2	Glyoxal
-	GMOs (Genetically modified Organisms)
-	Gold and its compounds
-	Graphene nanoplatelets having a predominant thickness of 1?10 layers with lateral dimension predominantly less than 2 microns
-	Ground sunflower seed hulls
13439-89-9	Guanidine, N,N,N',N'-pentaethyl-
-	Halide salt of an alkylamine
-	Halo substituted hydroxy nitrophenyl amide
-	Halo substituted sulfamidylbenzyluracil
-	Haloalkyl substituted cyclic ethers
-	Halogen and its compounds
-	Halogen substituted oxetanes

**Appendix I**  
**List of Substances/Chemicals that are not intended to use in this product**

CAS no.	Substance
-	Halogenated acids and their anhydrides
-	Halogenated acrylonitrile
-	Halogenated alkane
-	Halogenated alkane aromatic compound
-	Halogenated alkyl trimethylammonium halide (generic)
-	Halogenated aromatic amine
-	Halogenated aromatic hydrocarbon
-	Halogenated arylsilane
-	Halogenated benzimidazole
-	Halogenated benzyl ester acrylate
-	Halogenated biphenyl glycidyl ethers
-	Halogenated bisphenol A, polymer with bisphenol A diglycidyl ether and epoxidized phenol-formaldehyde resin, alkenoate (generic).
-	Halogenated bisphenol A, polymer with epichlorohydrin, alkenoate (generic).
-	Halogenated indane
-	Halogenated naphthalic anhydride
-	Halogenated phenoxy aromatic
-	Halogenated phenyl alkane
-	Halogenated pyridines
-	Halogenated substituted pyridine
-	Halogenated-N-(2-propenyl)-N-(substituted phenyl) acetamide
124-73-2	Halon 2402 (C2F4Br2) Dibromotetrafluoroethane
-	Halonitrobenzoic acid, substituted
-	Halophenyl sulfonamide salt
-	Halophosphate mixed metal complex
-	HDI biuret, hydroxyethyl methacrylate prepolymer
335-77-3	Henicosafuorodecanesulphonic acid
68928-80-3	Heptabromo(phenoxybenzene)
68928-80-3	Heptabromo(phenoxybenzene) (Synonym: Heptabromodiphenyl ether)
76-44-8	Heptachlor
1024-57-3	Heptachlor epoxide
142-82-5	Heptane
111-14-8	Heptanoic acid and preparations containing the same. However, those containing 11% or less of heptanoic acid are excluded.
-	Heterocyclic amine potassium salt
-	Heterocyclic amine substituted acrylamide
-	Heteromonocyclo-beta-(2,4-dichlorophenyl)-1-propanol
-	Heteropolycyclic diacrylate
-	Heteropolycyclic, polymer with alkanedioic acid, di-alkenoate
36483-60-0	Hexabromo (phenoxybenzene) (Synonym: Hexabromodiphenyl ether)
36483-60-0	Hexabromo(phenoxybenzene)
36355-1-8	Hexabromobiphenyl
36355-01-8	Hexabromobiphenyl
25637-99-4	Hexabromocyclododecane
25637-99-4	Hexabromocyclododecane
-	Hexabromocyclododecanes (HBCDDs)
118-74-1	Hexachlorobenzene
87-68-3	Hexachlorobuta-1,3-diene
77-47-4	Hexachlorocyclopentadiene
34465-46-8	Hexachlorodibenzodioxin
67-72-1	Hexachloroethane
1888-71-7	Hexachloroprop-1-ene
544-76-3	Hexadecane
57-09-0	Hexadecyltrimethylammonium bromide
112-02-7	Hexadecyltrimethylammonium chloride
13356-08-6	Hexakis(2-methyl-2-phenylpropyl)distannoxane; fenbutatin oxide
-	Hexamethylcyclo tricyclo hexane
13048-33-4	Hexamethylene diacrylate
124-09-4	Hexamethylene diamine
822-06-0	Hexamethylene diisocyanate
-	Hexamethylenediamine adduct of substituted piperidinyloxy
680-31-9	Hexamethylphosphoric triamide
591-78-6	Hexan-2-one
1279108-20-1	Hexane, 1,6-diisocyanato-, homopolymer, .alpha.-[1-[[[3-[[3-(dimethylamino)propyl]amino]propyl]amino]carbonyl]-1,2,2,2-tetrafluoroethyl]-.omega.-(1,1,2,2,3,3,3-heptafluoropropoxy)poly[oxy(trifluoro(trifluoromethyl)-1,2-ethanediy)]-blocked
306978-65-4	Hexane, 1,6-diisocyanato-, homopolymer, N-(hydroxyethyl)-N-methylperfluoro-C4-8-alkanesulfonamides- and stearyl alc.-blocked
-	Hexanedioic acid polymer with aliphatic polyol dihydrogen phosphate aromatic ester
659733-29-6	Hexanedioic acid, compd. with N1-(6-aminohexyl)-N1-methyl-1,6-hexanediamine (1:1)
-	Hexanedioic acid, polymer with .alpha.-hydro-.omega.-hydroxypoly[oxy(methyl-1,2-ethanediy)], 1,1'-methylenebis[4-isocyanatobenzene], dihydroxydialkyl ether and dialkanol ether
-	Hexanedioic acid, polymer with .alpha.-hydro-.omega.-hydroxypoly[oxy(methyl-1,2-ethanediy)], 1,1'-methylenebis[4-isocyanatobenzene], dihydroxydialkyl ether reaction products with dialkylcarbinol
-	Hexanedioic acid, polymer with .alpha.-hydro-.omega.-hydroxypoly[oxy(methyl-1,2-ethanediy)], 1,1'-methylenebis[4-isocyanatobenzene], dihydroxydialkyl ether, reaction products with dialkylcarbinol
-	Hexanedioic acid, polymer with .alpha.-hydro-.omega.-hydroxypoly[oxy(methyl-1,2-ethanediy)], 1,1'-methylenebis[isocyanatobenzene], dihydroxydialkyl ether and dialkanol ether
1138156-39-4	Hexanedioic acid, polymer with 2,2-dimethyl-1,3-propanediol, 1,6-hexanediol, hydrazine, 3-hydroxy-2-(hydroxymethyl)-2-methylpropanoic acid, 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethylcyclohexane and 1,1'-[(1-methylethylidene)bis(4,1-phenyleneoxy)]bis[2-propanol], iso-Bu alc.-blocked, compds. with triethylamine
-	Hexanedioic acid, polymer with polyether polyol, 1,1'-methylenebis[4-isocyanatobenzene] and dihydroxydialkyl ether
142-62-1	Hexanoic acid and preparations containing the same. However, the thing containing 11% or less of hexanoic acid is remove
610787-78-5	Hexanoic acid, 2-ethyl-, mixed diesters with benzoic acid and diethylene glycol
610787-76-3	Hexanoic acid, 2-ethyl-, mixed triesters with benzoic acid and trimethylolpropane

**Appendix I**  
**List of Substances/Chemicals that are not intended to use in this product**

CAS no.	Substance
8014-91-3	Hexasodium 5,5'-[(3,7-disulphonato-1,5-naphthylene)bis[azo(6-hydroxy-3,1-phenylene)azo(6(or 7)-sulphonato-4,1-naphthylene)azo[1,1'-biphenyl]-4,4'-diylazo]]bis(salicylate)
-	Hexavalent chromium compounds
-	Hydrated alkaline earth metal salts of metalloids oxyanions
302-01-2	Hydrazine
10034-93-2	Hydrazine sulfate
2368-80-1	Hydrazine, (2-fluorophenyl)-
124993-63-1	Hydrazine, [4-(1-methylbutoxy)phenyl]-, hydrochloride (1:1)
167412-23-9	Hydrazinecarboxamide, N-(3,5-difluorophenyl)-
69938-76-7	Hydrazinecarboxamide, N,N'-1,6-hexanediyldis[2,2-dimethyl-
-	Hydrochloride salt of a fatty polyalkylene polyamine
-	Hydrochlorofluorocarbon
-	Hydrochlorofluorocarbon (HCFC), all members
207409-71-0	Hydrofluoric acid, reaction products with heptane
210181-71-8	Hydrofluoric acid, reaction products with octane
-	Hydrofluoroalkane
-	Hydrofluorocarbon (HFC), all members
-	Hydrofluorocarbon alkyl ether
-	Hydrofluorochloroalkene
1333-74-0	Hydrogen
-	Hydrogen fluoride and its water-soluble salts
61788-32-7	Hydrogenated terphenyl
123-31-9	Hydroquinone
12304-65-3	Hydrotalcite
-	Hydroxy functional triglyceride polymer with glycerol mono-ester and 1,1'-methylenebis[4-isocyanatobenzene] (generic).
-	Hydroxy functional triglyceride polymer with glycerol mono-ester and 1,1'-methylenebis[isocyanatobenzene] (generic).
-	Hydroxy terminated polyester
-	Hydroxyalkylquinoline dioxindandialkylcarboxamide
-	Hydroxy-aryl, polymer with substituted benzene, cyanate
-	Hydroxybenzophenone
-	Hydroxy-chloro-cyclopropyl-heteromonocyclic carboxylic acid
-	Hydroxypropyl methacrylate, reaction products with propylene oxide and ethylene oxide, copolymer with N-vinyl caprolactam
-	Imidazole and its derivatives
-	Imidazolethione
-	Imidazolium, polymer with cyclic anhydride and alkenoic acid, alkali salt
1254743-03-7	Imidodicarbonic diamide, N,N-dibutyl-N',2-bis[4-[(4-isocyanatophenyl)methyl]phenyl]-
193-39-5	Indeno(1,2,3-c,d)pyrene
-	Indium and its compounds
22398-80-7	Indium Phosphide
-	Infused carbon nanostructures
-	Inorganic acids, metal salts, compds. with modified heteroaromatics, (generic).
-	Inorganic acids, metal salts, compds. with substituted aromatic heterocycle, (generic).
-	Inorganic cyanide compounds
1370442-66-2	Iodonium, diphenyl-, 4,4'-di-C10-13-alkyl derivs., (OC-6-11)-hexafluoroantimonates(1-)
-	IPDI modified isophthalic acid, neopentyl glycol and adipic acid
14484-64-1	Iron tris(N,N-dimethyldithiocarbamate); ferbam
478945-46-9	Iron(1+), chloro[rel-1,5-dimethyl (1R,2S,4R,5S)-9,9-dihydroxy-3-methyl-2,4-di(2-pyridinyl-.kappa.N)-7-[(2-pyridinyl-.kappa.N)methyl]-3,7-diazabicyclo[3.3.1]nonane-1,5-dicarboxylate-.kappa.N3,.kappa.N7]-, chloride (1:1), (OC-6-63)-
15365-14-7	Iron(II) lithium phosphate
120579-31-9	Iron, citrate phosphate potassium complexes
-	Isoalkyldimethylamine
4247-02-3	Isobutyl 4-hydroxybenzoate
78-84-2	Isobutyraldehyde
-	Isocyanate
-	Isocyanate compound, modified with methoxysilane
-	Isocyanate terminated polyols
-	Isocyanate terminated urethane polymer
-	Isocyanates
9016-87-9	Isocyanic acid, polymethylenepolyphenylene ester
540-84-1	Isooctane
-	Isophorone diisocyanate neopentyl glycol adipate polyurethane prepolymer
78-79-5	Isoprene
149877-41-8	Isopropyl 2-(4-methoxybiphenyl-3-yl)hydrazinofornate; bifenzate
4191-73-5	Isopropyl 4-hydroxybenzoate
77851-17-3	Isopropyl(phenethyl)benzene
-	Isopropylidene, bis(1,1-dimethylpropyl) derivative
-	Isopropylthioxanthone and other Photoinitiators
05495-84-1	Isopropylthioxanthone (ITX)
-	Iso-tridecanol
-	Kaolin, reaction products with polysiloxane (generic).
-	Kiwi fruit
157707-95-4	L-Alanine, N-[5-(acetylamino)-2-chloro-4-[2-(2-cyano-4-nitrophenyl)diazenyl]phenyl]-, methyl ester
1227908-26-0	Lanthanum lead titanium zirconium oxide
205764-98-3	L-Aspartic acid, N,N'-[(1E)-1,2-ethenediyldis[(3-sulfo-4,1-phenylene)imino[6-(phenylamino)-1,3,5-triazine-4,2-diy]]]bis-, sodium salt (1:6)
7439-92-1	Lead
-	Lead and its compounds
56572-83-9	Lead niobium titanium zirconium oxide
13453-62-8	Lead perchlorate (II) · Trihydrate
61461-40-3	Lead strontium titanium zirconium oxide
-	Lecithins, phospholipase A2-hydrolyzed
308068-11-3	Lecithins, soya, hydrogenated
50622-20-3	L-Glutamic acid, N-(1-oxododecyl)-, sodium salt (1:2)

**Appendix I**  
**List of Substances/Chemicals that are not intended to use in this product**

CAS no.	Substance
8068-03-9	Lignin, organosolv
-	Linear alkyl epoxide
-	Liquid paraffin
55120-77-9	Lithium 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexane-1-sulfonate
12057-17-9	Lithium manganese oxide (LiMn2O4)
-	Lithium metal phosphate
12031-65-1	Lithium nickel oxide(LiNiO2)
13568-33-7	Lithium nitrite
29457-72-5	Lithium perfluorooctane-1-sulfonate
39318-30-4	Lithium potassium titanium oxide
-	Lithium salt of substituted imide
-	Lithium salt of sulfophenyl azo phenyl azo disulfostilbene
-	Long-chain perfluoroalkyl carboxylate chemical substances
-	Lupine
71604-74-5	M-(2,3-epoxypropoxy)-N,N-bis(2,3-epoxypropyl)aniline
-	Magnesium alkaryl sulfonate (generic)
-	Magnesium and its compounds
-	Magnesium hydroxide surface treated with substituted alkoxysilanes
39290-90-9	Magnesium potassium titanium oxide
108-31-6	Maleic anhydride
591-27-5	M-aminophenol
12427-38-2	Maneb
12049-47-7	Manganate (MnO21-), calcium (2:1)
-	Manganese and its compounds
-	Manganese heterocyclic tetraamine complex
13770-16-6	Manganese perchlorate (II)
15364-94-0	Manganese perchlorate (II) · hexahydrate
12163-45-0	Manganese strontium oxide (MnSrO3)
12438-71-0	Manganese yttrium oxide (Mn2YO5)
12032-75-6	Manganese yttrium oxide (MnYO3)
2020407-63-8	Manganese, [μ-(acetato-κO:κO)]bis[μ-(2-ethylhexanoato-κO:κO)]bis(octahydro-1,4,7-trimethyl-1H-1,4,7-triazonine-κN1,κN4,κN7)di-
2020407-64-9	Manganese, bis[μ-(acetato-κO:κO)]μ-(2-ethylhexanoato-κO:κO)]bis(octahydro-1,4,7-trimethyl-1H-1,4,7-triazonine-κN1,κN4,κN7)di-
2020407-62-7	Manganese, tris[μ-(2-ethylhexanoato-κO:κO)]bis(octahydro-1,4,7-trimethyl-1H-1,4,7-triazonine-κN1,κN4,κN7)di-
2020407-65-0	Manganese, tris[μ-(acetato-κO:κO)]bis(octahydro-1,4,7-trimethyl-1H-1,4,7-triazonine-κN1,κN4,κN7)di-
-	Mannich bases
-	Mannich-based adduct
-	MDI modified polyalkylene glycol adipate polyester
-	MDI terminated polyester polyurethane polymer
99-65-0	M-dinitrobenzene
-	medium-chain chlorinated paraffins
108-78-1	Melamine
-	Melamine nitrate (generic).
68-11-1	Mercaptoacetic acid and a preparation containing the same. However, those containing 1% or less of mercaptoacetic acid are excluded.
-	Mercaptoalkoxysilane
63947-56-8	Mercaptopropanol
13932-02-0	Mercuric perchlorate (I)
7439-97-6	Mercury
-	Mercury and its compounds
14990-20-6	Mercury perchlorate (II)
-	Metal hydroxide, treated with alkenyl alkoxy silane
-	Metal oxide, modified with alkyl and vinyl terminated polysiloxanes
-	Metal salt of mineral acid, reaction products with alumina, aluminum hydroxide, aluminum hydroxide oxide (Al(OH)O), silica, titanium oxide (TiO2) and 3-(triethoxysilyl)-1-propanamine (generic).
-	Metal silicate
-	Metalated alkylphenol copolymer
-	Metallic diol
137-42-8	Metam sodium
79-41-4	Methacrylic acid
-	Methanamine, N,N-dimethyl-, reaction products with alkylamine-epichlorohydrin polymer, chlorides
74-82-8	Methane
72968-82-2	Methanesulfonamide, N-[2-[(2,6-dicyano-4-methylphenyl)azo]-5-(dipropylamino)phenyl]-
67-56-1	Methanol
162245-07-0	Methanone, [5-[[3-(2H-benzotriazol-2-yl)-2-hydroxy-5-(1,1,3,3-tetramethylbutyl)phenyl]methyl]-2-hydroxy-4-(octyloxy)phenyl]phenyl-
90-94-8	Methanone, bis[4-(dimethylamino) phenyl]-
131860-33-8	Methyl (E)-2-[2-[6-(2-cyanophenoxy)pyrimidin-4-yloxy]phenyl]-3-methoxyacrylate; azoxystrobin
143390-89-0	Methyl (E)-methoxyimino[2-(o-tolyloxymethyl)phenyl]acetate; kresoxim-methyl
141517-21-7	Methyl (E)-methoxyimino-[2-[[[(E)-1-[3-(trifluoromethyl)phenyl]ethylidene]amino]oxy]methyl]phenyl]acetate; trifloxystrobin
50-55-5	Methyl 11,17alpha-dimethoxy-18beta-[(3,4,5-trimethoxybenzoyl)oxy]-3beta,20alpha-yohimban-16beta-carboxylate
136191-64-5	Methyl 2-(4,6-dimethoxy-2-pyrimidinylloxy)-6-[1-(methoxyimino)ethyl]benzoate; pyriminobac-methyl
100784-20-1	Methyl 3-chloro-5-(4,6-dimethoxy-2-pyrimidinylcarbamoylsulfamoyl)-1-methylpyrazole-4-carboxylate; halosulfuron-methyl
99-76-3	Methyl 4-hydroxybenzoate
26537-19-9	Methyl 4-tert-butylbenzoate
96-33-3	Methyl acrylate
10605-21-7	Methyl benzoimidazol-2-ylcarbamate; carbendazim
78-93-3	Methyl ethyl ketone
141-79-7	Methyl isobutenyl ketone
556-61-6	Methyl isothiocyanate
80-62-6	Methyl methacrylate
6290-49-9	Methyl methoxyacetate

**Appendix I**  
**List of Substances/Chemicals that are not intended to use in this product**

CAS no.	Substance
17804-35-2	Methyl N-[1-(N-n-butylcarbamoyl)-1H-2-benzimidazolyl]carbamate; benomyl
1634-04-4	Methyl tertiary butyl ether (MTBE)
74-89-5	Methylamine
-	Methylamine esters
-	Methylated-para-rosaniline salt of a trisulfonated triarylmethane dye
-	Methylbenzophenone
39817-09-9	Methylene bis(phenyleneoxymethylene)bisoxirane (NOGE)
-	Methylene bisacetophenone derivative
75-09-2	Methylene chloride
5124-30-1	Methylenebis(4,1-cyclohexylene) diisocyanate
-	Methylenebis[isocyanatobenzene], polymer with alkanedioic acid, alkylene glycols, alkoxyated alkanepolyol and substituted trialkoxysilane
-	Methylenebisbenzotriazolyl phenols
60-34-4	Methylhydrazine
-	Methylisothiazolinone, 2-methyl-4-isothiazolin-3-one, CAS# 2682-20-4), Chloromethylisothiazolinone (CIT, 5-chloro-2-methyl-4-isothiazolin-3-one, CAS# 26172-55-4), Benzisothiazolinone (BIT, CAS-no. 2634-33-5)
23135-22-0	Methyl-N',N'-dimethyl-N-[(methylcarbamoyl)oxy]-1-thiooxamimidate; oxamyl
1321-94-4	Methylnaphthalene
-	Methylphenol, bis(substituted)alkyl
-	Methylpolychloro aliphatic ketone
56-04-2	Methylthiouracil
9006-42-2	Metiram
90-94-8	Michler's ketone
-	Mineral Oil saturated Hydrocarbons (MOSH) and Mineral Oil aromatic Hydrocarbons (MOAH)
2385-85-5	Mirex
-	Mixed alkyl phenolic novolak resin
-	Mixed alkyl phosphate esters alkoxyated
-	Mixed amino diaryl sulfone isomers
-	Mixed butyltin mercaptoester sulfides
610787-77-4	Mixed diesters of 2-ethylhexanoic acid and benzoic acid with 2,2-dimethylpropane-1,3-diol
-	Mixed metal borate
-	Mixed metal oxalate
-	Mixed metal oxide
-	Mixed metal oxides
-	Mixed methyltin mercaptoester sulfides
-	Mixed neopentyl glycol benzoate/2-ethylhexanoate
-	Mixed trialkylamines
-	Mixture composed of 97 % tetraethyl orthosilicate (TEOS) with CAS No 78-10-4 and 3 % hexamethyldisilazane (HMDS) with CAS No 999-97-3
115254-47-2	Mixture of 2-[4-(2,3-epoxypropoxy)phenyl]-2-[4-[1,1-bis[4-(2,3-epoxypropoxy)phenyl]ethyl]phenyl]propane and 1,3-bis[4-[1-[4-(2,3-epoxypropoxy)phenyl]-1-[4-[1-[4-(2,3-epoxypropoxy)phenyl]-1-methylethyl]phenyl]ethoxy]-2-propanol (It is limited that the content of the former is 96% or less and the content of the latter is 11% or less.)
180063-56-3	Mixture of 2-[4-(2,3-epoxypropoxy)phenyl]-2-[4-[1,1-bis[4-(2,3-epoxypropoxy)phenyl]ethyl]phenyl]propane and 1,3-bis[4-[1-[4-(2,3-epoxypropoxy)phenyl]-1-[4-[1-[4-(2,3-epoxypropoxy)phenyl]-1-methylethyl]phenyl]ethoxy]-2-propanol (It is limited that the content of the former is 96% or less and the content of the latter is 11% or less.)
-	Mixture of alkylated benzene, brominated and alkylated benzene, dibrominated
-	Mixture of hydrofluoro alkanes and hydrofluoro alkene
-	Mixture of nitrated alkylated phenols
99-09-2	M-nitroaniline
99-08-1	M-nitrotoluene
-	Modified alicyclic polyamine
-	Modified aliphatic polyamine
-	Modified alkyl acrylamide
-	Modified aromatic polyamine
-	Modified cyclohexane esters
-	Modified fluorinated acrylates
-	Modified hydrocarbon resin
-	Modified hydroxystyrene homopolymer
-	Modified imidazole
-	Modified lithium iron phosphates
-	Modified magnesium silicate polymer
-	Modified methyl methacrylate, 2-hydroxyethyl methacrylate polymer
-	Modified phenol-formaldehyde resin (generic).
-	Modified phenolic resin
-	modified polyamidoamine
-	Modified polyisocyanates
-	Modified polymer of vinyl acetate and quaternary ammonium compound
-	Modified reaction products of alkyl alcohol, halogenated alkane, substituted epoxide, and amino compound
-	Modified salicylic acid, zirconium complex
-	Modified silicone resin
-	Modified styrene, divinylbenzene polymer
-	Modified thiocarbamate
-	Modified thionocarbamate
-	Modified triethylene glycol dithiol
-	Molybdenum and its compounds
-	Mono esters from 2- propenoic acid
640-19-7	Monofluoroacetamide
144-49-0	Monofluoroacetic acid
-	Monosubstituted alkoxyaminotrazines
-	Montmorillonite clay modified by dimethyldialkyl (C16-C18)ammonium chloride
110-91-8	Morpholine
887947-29-7	Morpholine, 4-C6-12 acyl derivs.

**Appendix I**  
**List of Substances/Chemicals that are not intended to use in this product**

CAS no.	Substance
-	Multi-functional novolac type epoxy resin
-	Multi-wall carbon nanotubes
-	Multi-walled carbon nanofibers
-	Multi-walled carbon nanotube
-	Multi-walled carbon nanotubes
-	Multiwalled carbon nanotubes (generic).
81-15-2	Musk xylene
-	m-xylene
793-24-8	N-(1,3-dimethylbutyl)-N'-phenyl-p-phenylenediamine
40487-42-1	N-(1-ethylpropyl)-2,6-dinitro-3,4-xylidine; pendimethalin
126833-17-8	N-(2,3-dichloro-4-hydroxyphenyl)-1-methylcyclohexanecarboxamide; fenhexamid
93820-33-8	N-(2-ethylhexyl)isononan-1-amide
-	N-(2-hydroxyethyl) alkenamide
24448-09-7	N-(2-Hydroxyethyl)-N-methylperfluorooctane-1-sulfonamide
3845-76-9	N-(3-(Dimethylamino)propyl) acrylamide
68239-73-6	N-(4-Hydroxybutan-1-yl)-N-methylperfluorooctane-1-sulfonamide
103-90-2	N-(4-hydroxyphenyl)acetamide
119168-77-3	N-(4-tert-butylbenzyl)-4-chloro-3-ethyl-1-methylpyrazole-5-carboxamide; tebufenpyrad
17796-82-6	N-(cyclohexylthio)phthalimide
95-31-8	N-(tert-butyl)-2-benzothiazolesulfenamide
65992-66-7	N,N,N',N'-tetrakis(2,3-epoxypropyl)cyclohexane-1,3-dimethylamine
67939-94-0	N,N,N,N'-[phosphoryltris(oxyethylene)]tris[N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptane-1-sulphonamide]
68957-58-4	N,N,N,N'-Trimethyl-3-[[[1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]propan-1-aminium iodide
67584-58-1	N,N,N,N'-Trimethyl-3-[[[pentadecafluoroheptyl)sulfonyl]amino]-1-propanaminium iodide
68555-81-7	N,N,N,N'-Trimethyl-3-[[[pentadecafluoroheptyl)sulfonyl]amino]propan-1-aminium chloride
52166-82-2	N,N,N,N'-Trimethyl-3-[[[tridecafluorohexyl)sulfonyl]amino]propan-1-aminium chloride
67939-92-8	N,N'-[phosphinicobis(oxyethylene)]bis[N-ethyltridecafluorohexanesulphonamide]
306980-27-8	N,N'-{Hexane-1,6-diylbis[(2-oxooxazolidine-3,5-diy)methylene]}bis(N-methylperfluoroalkane(C=4-8)sulfonamide)
-	N,N'-Bis(2-(2-(3-alkyl)thia-zoline) vinyl)-1,4-phenylenediamine methyl sulfate double salt
-	N,N'-di(alkyl heteromonocycle)amino chlorotriazine
4979-32-2	N,N-dicyclohexyl-2-benzothiazolesulfenamide
101-83-7	N,N-dicyclohexylamine
125306-83-4	N,N-diethyl-3-(2,4,6-trimethylphenylsulfonyl)-1H-1,2,4-triazole-1-carboxamide; cafenstrole
127-19-5	N,N-dimethylacetamide
121-69-7	N,N-dimethylaniline
21542-96-1	N,N-Dimethyldocosan-1-ylamine
112-18-5	N,N-dimethyldodecylamine
1643-20-5	N,N-dimethyldodecylamine N-oxide
68-12-2	N,N-dimethylformamide
27417-40-9	N,N'-Ditolyl-p-phenylenediamine, N-Tolyl-N'-xylyl-p-phenylenediamine, or N,N'-Dixylyl-p-phenylenediamine
64440-88-6	N,N'-ethylenebis(thiocarbamoylthiozine)bis(N,N-dimethylthiocarbamate); polycarbamate
306979-40-8	N-[(Perfluoroalkyl(C=4-8))sulfonyl] derivative of alpha-[2-(methylamino)ethyl]-omega-[(2,4,4-trimethylpentan-2-yl)phenoxy]poly(oxyethylene)
2537-62-4	N-[2-[(2-bromo-6-cyano-4-nitrophenyl)azo]-5-(diethylamino)phenyl]acetamide
-	N-[2-[(substituted dinitrophenyl)azo]diallylamino-4- substituted phenyl] acetamide
82558-50-7	N-[3-(1-ethyl-1-methylpropyl)-1,2-oxazol-5-yl]-2,6-dimethoxybenzamide; isoxaben
68555-78-2	N-[3-(dimethylamino)propyl]-1,1,2,2,3,3,4,4,5,5,5-undecafluoropentane-1-sulphonamide
68957-60-8	N-[3-(dimethylamino)propyl]-1,1,2,2,3,3,4,4,5,5,5-undecafluoropentane-1-sulphonamide monohydrochloride
67584-54-7	N-[3-(dimethylamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptane-1-sulphonamide
67940-02-7	N-[3-(dimethylamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptane-1-sulphonamide monohydrochloride
50598-28-2	N-[3-(dimethylamino)propyl]tridecafluorohexanesulphonamide
68957-61-9	N-[3-(dimethylamino)propyl]tridecafluorohexanesulphonamide monohydrochloride
13417-01-1	N-[3-(N,N-Dimethylamino)propan-1-yl]perfluorooctanesulfonamide
-	N-alkylbenzenesulfonic acid and its salts (alkyl C=10-14)
335-97-7	N-allyl-1,1,2,2,3,3,4,4,5,5,5-undecafluoropentane-1-sulphonamide
67584-49-0	N-allyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptane-1-sulphonamide
67906-41-6	N-allyl-N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptane-1-sulphonamide
24924-36-5	N-Allyl-N-ethylperfluorooctane-1-sulfonamide
423-86-9	N-Allylperfluorooctane-1-sulfonamide
67584-48-9	N-allyltridecafluorohexanesulphonamide
-	Nanocarbon (generic).
-	Nanomaterials
849101-58-2	Naphtha (Fischer-Tropsch), C4-11-alkane, branched and linear
91-20-3	Naphthalene
63674-30-6	Naphthalene, 1,2,3,4-tetrahydro(1-phenylethyl)-
-	Naphthalenedisulfonic acid, [amino-hydroxy-[(substituted)azo-sulfo-naphthalenyl]azo]-hydroxy-[(methoxy-sulfo)phenyl]azo], metal salt
-	Naphthalenedisulfonic acid, hydroxy-[[[(hydroxyl-disulfo-naphthalenyl)azo]-alkyl(C=1-5)-(sulfoalkoxy)cyclic]azo]-substituted azo-, metal salt
61789-51-3	Naphthenic acids, cobalt salts
-	N-arylamino-phenol-formaldehyde condensate
7681-93-8	Natamycin (Pimaricin) (E235)
-	Natural Rubber Latex
68298-10-2	N-benzyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptane-1-sulphonamide
50598-29-3	N-Benzylperfluorooctane-1-sulfonamide
2263-09-4	N-Butan-1-yl-N-(2-hydroxyethyl)perfluorohexane-1-sulfonamide
71-36-3	N-butanol
23184-66-9	N-butoxymethyl-2-chloro-2',6'-diethylacetanilide; butachlor
141-32-2	N-butyl acrylate
97-88-1	N-butyl methacrylate
68310-02-1	N-butyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-N-(2-hydroxyethyl)heptane-1-sulphonamide
2426-08-6	N-butyl-2,3-epoxypropyl ether
104-51-8	N-Butylbenzene
3397-65-7	N-Dodecanoyl-L-glutamic acid



**Appendix I**  
**List of Substances/Chemicals that are not intended to use in this product**

CAS no.	Substance
27253-31-2	Neodecanoic acid, cobalt salt
1651153-45-5	Neodymium sulfur yttrium oxide
1386395-00-1	Neodymium, butadiene iso-Bu neodecanoate complexes
1077-56-1	N-Ethyl ortho-Toluene Sulfonamide (IUPAC name : N-ethyltoluene-2-sulphonamide)
68555-72-6	N-ethyl-1,1,2,2,3,3,4,4,5,5,5-undecafluoro-N-(2-hydroxyethyl)pentane-1-sulphonamide
67939-90-6	N-ethyl-1,1,2,2,3,3,4,4,5,5,5-undecafluoro-N-[2-(phosphonoxy)ethyl]pentane-1-sulphonamide
68957-62-0	N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptane-1-sulphonamide
68555-73-7	N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-N-(2-hydroxyethyl)heptane-1-sulphonamide
67584-50-3	N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-N-[3-(trichlorosilyl)propyl]heptane-1-sulphonamide
68239-75-8	N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-N-[3-(trimethoxysilyl)propyl]heptane-1-sulphonamide
103-69-5	N-ethylaniline
1691-99-2	N-Ethyl-N-(2-hydroxyethyl)perfluorooctane-1-sulfonamide
68957-63-1	N-ethyl-N-[(pentadecafluoroheptyl)sulphonyl]glycine
68957-32-4	N-ethyl-N-[(tridecafluorohexyl)sulphonyl]glycine
68957-31-3	N-ethyl-N-[(undecafluoropentyl)sulphonyl]glycine
67939-42-8	N-Ethyl-N-[3-(trichlorosilyl)propan-1-yl]perfluorooctane-1-sulfonamide
61660-12-6	N-Ethyl-N-[3-(trimethoxysilyl)propan-1-yl]perfluorooctane-1-sulfonamide
4151-50-2	N-Ethylperfluorooctane-1-sulfonamide
80-39-7	N-ethyl-p-toluenesulfonamide
34455-03-3	N-ethyltridecafluoro-N-(2-hydroxyethyl)hexanesulphonamide
67969-65-7	N-ethyltridecafluoro-N-[2-(phosphonoxy)ethyl]hexanesulphonamide
1613-86-1	N-Hydroxy-4-nitrobenzenecarboximidamide
-	Nickel and its compounds
-	Nickel salt of an organo compound containing nitrogen
-	Nickel, cobalt mixed metal oxide
936576-64-6	Nickel, tris(neodecanoato- $\kappa$ -O)[ $\mu$ -3-[orthoboro(3)- $\kappa$ -O: $\kappa$ -O: $\kappa$ -O]]tri-
-	Nitrate polyether polyol
-	Nitrile amine
139-13-9	Nitrilotriacetic acid
-	Nitro methyl quinoline
98-95-3	Nitrobenzene
-	Nitrobenzoic acid octyl ester
9004-70-0	Nitrocellulose
59-87-0	Nitrofurazone
00059-87-0	Nitrofurazone
10102-44-0	Nitrogen dioxide (Nitrogen peroxide)
7783-54-2	Nitrogen trifluoride
55-63-0	Nitroglycerin
75-52-5	Nitromethane
-	Nitrophenoxylalkanoic acid substituted thiazino hydrazide
35576-91-1	Nitrosamines
-	Nitrothiopenecarboxylic acid, ethyl ester, bis[(((substituted) amino)alkyl-phenyl)azo]
7782-77-6	Nitrous acid
79-16-3	N-methylacetamide
100-61-8	N-methylaniline
144-54-7	N-methyldithiocarbamic acid; carbam
129813-71-4	N-Methyl-N-(oxiran-2-ylmethyl)perfluoroalkane(C=4-8)sulfonamide
306974-19-6	N-Methyl-N-[(3-octadecyl-2-oxooxazolidin-5-yl)methyl]perfluoroalkane(C=4-8)sulfonamide
-	N-Methylolacrylamide
31506-32-8	N-Methylperfluorooctane-1-sulfonamide
872-50-4	N-methylpyrrolidone
1116-54-7	N-nitrosodiethanolamine
62-75-9	N-nitrosodimethylamine
621-64-7	N-nitrosodi-N-propylamine
86-30-6	N-nitrosodiphenylamine
107481-28-7	Non-1,9-diyl diacrylate
27753-52-2	Nonabromo-1,1'-biphenyl
-	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts
68156-00-3	Nonafluorobis(trifluoromethyl)cyclohexanesulphonyl fluoride
111-84-2	Nonane
25154-52-3	Nonylphenol (NP)
-	N-pentyl-n-isopentyl phthalate
404362-22-7	N-Phenethyl derivative of 1,3-phenylenedimethanamine
941-69-5	N-phenylmaleimide
67747-09-5	N-propyl-N-[2-(2,4,6-trichlorophenoxy)ethyl]imidazole-1-carboxamide; prochloraz
112410-23-8	N-tert-butyl-N'-(4-ethylbenzoyl)-3,5-dimethylbenzohydrazide; tebufenozide
88-12-0	N-vinyl-2-pyrrolidone
333-41-5	O,O-diethyl O-2-isopropyl-6-methyl-4-pyrimidinyl phosphorothioate; diazinon
2921-88-2	O,O-diethyl O-3,5,6-trichloro-2-pyridyl phosphorothioate; chlorpyrifos
18854-01-8	O,O-diethyl O-5-phenyl-3-isoxazolyl phosphorothioate; isoxathion
119-12-0	O,O-diethyl O-6-oxo-1-phenyl-1,6-dihydro-3-pyridazinyl phosphorothioate; pyridaphenthion
2310-17-0	O,O-diethyl S-(6-chloro-2,3-dihydro-2-oxobenzoxazoliny)methyl phosphorodithioate; phosalone
298-04-4	O,O-diethyl S-2-(ethylthio)ethyl phosphorodithioate; ethylthiometon; disulfoton
55-38-9	O,O-dimethyl O-3-methyl-4-(methylthio)phenyl phosphorothioate; fenthion; MPP
122-14-5	O,O-dimethyl O-3-methyl-4-nitrophenyl phosphorothioate; fenitrothion; MEP
60-51-5	O,O-dimethyl S-(N-methylcarbamoyl)methyl phosphorodithioate; dimethoate
121-75-5	O,O-dimethyl S-1,2-bis(ethoxycarbonyl)ethyl phosphorodithioate; malathon; malathion
3761-41-9	O,O-dimethyl O-(3-methyl-4-methylsulfinylphenyl)-thiophosphate; mesulfenfos
789-02-6	o, p'-D D T
77458-01-6	O-1-(4-chlorophenyl)-4-pyrazolyl O-ethyl S-propyl phosphorothioate; pyraclofos
34643-46-4	O-2,4-dichlorophenyl O-ethyl S-propyl phosphorodithioate; prothiofos
29232-93-7	O-2-diethylamino-6-methylpyrimidin-4-yl O,O-dimethyl phosphorothioate; pirimiphos-methyl

**Appendix I**  
**List of Substances/Chemicals that are not intended to use in this product**

CAS no.	Substance
5598-13-0	O-3,5,6-trichloro-2-pyridyl O,O-dimethyl phosphorothioate; chlorpyrifos-methyl
88678-67-5	O-3-tert-butylphenyl N-(6-methoxy-2-pyridyl)-N-methylthiocarbamate; pyributicarb
41198-08-7	O-4-bromo-2-chlorophenyl O-ethyl S-propyl phosphorothioate; profenofos
90-04-0	O-anisidine
-	Oat
95-57-8	O-chlorophenol
95-49-8	O-chlorotoluene
39001-02-0	Octachlorodibenzofuran
3268-87-9	Octachlorodibenzo-p-dioxin
177771-31-2	Octadecanoic acid, ester with 1,2-propanediol, phosphate, anhydride with silicic acid (H4SiO4)
84962-05-0	Octadecanoic acid, reaction products with diethylenetriamine and urea, acetates
1256282-88-8	Octadecen-1-aminium, N-ethyl-N,N-dimethyl-, ethyl sulfate (1:1)
152-16-9	Octamethyl pyrophosphoramidate (Schraden)
556-67-2	Octamethylcyclotetrasiloxane
556-67-2	Octamethylcyclotetrasiloxane (D4)
111-65-9	Octane
6304-39-8	Octanohydrazide
-	Octyl diphenyl phosphate and other organo-diaryl-phosphates
27193-28-8	Octyl Phenol
36335-67-8	O-ethyl O-(6-nitro-m-tolyl)sec-butylphosphoramidothioate; butamifos
2104-64-5	O-ethyl O-4-nitrophenyl phenylphosphonothioate; EPN
17109-49-8	O-ethyl S,S-diphenyl phosphorodithioate; edifenphos; EDDP
98886-44-3	O-ethyl S-1-methylpropyl (2-oxo-3-thiazolidinyl)phosphonothioate; fosthiazate
22224-92-6	O-ethyl-O-(3-methyl-4-methylthiophenyl) N-isopropylaminophosphonate; fenamiphos
1069136-34-0	Oils, Callitropsis nootkatensis
864662-46-4	Oils, ginger, Zingiber purpureum
-	Olefinic carbocycle, reaction products with alkoxysilane
-	Olefinic carbocycle, reaction products with alkoxysilane, polysulfurized
-	Olefinic carbocycle, reaction products with alkoxysilane, sulfurized
-	Oligomeric phenolic ether
-	Oligomeric silicic acid ester compound with a hydroxylalkylamine
88-74-4	O-nitroaniline
91-23-6	O-nitroanisole
88-72-2	O-nitrotoluene
-	Organic phosphonate salt
-	Organic Tin Compounds
-	Organo zinc salts
-	Organobromine compound
-	Organochlorine compound
-	Organometallic complex salts
-	Organophosphate compounds
-	Organophosphorus polymer
-	Organosilane ester
-	Organosulfide
-	Organotin catalysts
-	Organotin lithium compound
89-72-5	O-sec-butylphenol
84-15-1	O-terphenyl
-	Oxabicycloalkane carboxylic acid alkanediyl ester
78385-26-9	Oxetane, 3-(bromomethyl)-3-methyl-
18934-00-4	Oxetane, 3,3'-[oxybis(methylene)]bis[3-ethyl-
449177-94-0	Oxetane, 3-methyl-3-[(2,2,3,3,3-pentafluoropropoxy)methyl]-
475678-78-5	Oxetane, 3-methyl-3-[[[(3,3,4,4,5,5,6,6,6-nonafluorohexyl)oxy]methyl]-
-	Oxime, di-Me silane
-	Oxime, Me vinyl silane
16801-19-7	Oxirane, [[2-(2-ethenoxy)ethoxy]methyl]-
134818-68-1	Oxirane, 2-(1-chlorocyclopropyl)-2-[(2-chlorophenyl)methyl]-
30424-08-9	Oxirane, 2,2'-(phenylene)bis-
87093-13-8	Oxirane, 2,2',2''-[ethylidynetris(4,1-phenyleneoxymethylene)]tris-
249297-16-3	Oxirane, 2-[[[(1R,2S,5R)-5-methyl-2-(1-methylethyl)cyclohexyl]oxy]methyl]-
1022990-65-3	Oxirane, 2-ethyl-, polymer with oxirane, mono-C11-15-sec-alkyl ethers
1013910-41-2	Oxirane, 2-ethyl-, polymer with oxirane, mono-C12-14-sec-alkyl ethers
204336-40-3	Oxirane, 2-methyl-, polymer with oxirane, mono(3,5,5-trimethylhexyl) ether
-	Oxirane, substituted silylmethyl-, hydrolysis products with alkanol zirconium(4+) salt and silica, acetates
428-59-1	Oxirane, trifluoro(trifluoromethyl)-
13895-77-7	Oxiranemethanaminium, N,N,N-trimethyl-, bromide
-	Oxo-substituted aminoalkanoic acid derivative
27304-13-8	Oxychlordane
-	o-Xylene compound
-	Ozone depleting substances (ODS)
30784-30-6	p-(1,1-Dimethylheptyl)phenol
17404-66-9	p-(1-Methyloctyl)phenol
-	Palladium and its compounds
-	Palm Oil
12174-11-7	Palygorskite; attapulgit
123-30-8	P-aminophenol
104-94-9	P-anisidine
56-38-2	Parathion
-	Partially fluorinated alcohol substituted glycols
-	Partially fluorinated alcohol, reaction products with phosphorus oxide (P2O5) amine salts
-	Partially fluorinated condensation polymer
106-51-4	P-benzoquinone

**Appendix I**  
**List of Substances/Chemicals that are not intended to use in this product**

CAS no.	Substance
-	PCDD (Polychlorodibenzodioxane)
-	PCDF (Polychlorodibenzofurane)
106-47-8	p-chloroaniline;4-chloroaniline
106-48-9	p-chlorophenol
106-43-4	p-chlorotoluene
-	PCT's (poly chlorinated terphenyls)
32536-52-0	Penta, Octa, Deca BDE
32534-81-9	Pentabromo(phenoxybenzene)
608-93-5	Pentachlorobenzene
82-68-8	Pentachloronitrobenzene; quintozone (PCNB)
87-86-5	Pentachlorophenol
133-49-3	Pentachlorothiophenol
133-49-3	Pentachlorothiophenol
335-71-7	Pentadecafluoroheptane-1-sulphonyl fluoride
138495-42-8	Pentane, 1,1,1,2,2,3,4,5,5,5-decafluoro-
132182-92-4	Pentane, 1,1,1,2,2,3,4,5,5,5-decafluoro-3-methoxy-4-(trifluoromethyl)-
462-94-2	Pentane-1,5-diamine
-	Pentanediol light residues
75405-06-0	Pentanenitrile, 3-amino-
109-52-4	Pentanic acid and a preparation containing the same. However, those containing 11% or less of pentanoic acid are excluded.
91144-26-2	Pentasodium bis[4-[[6-[(4-amino-6-chloro-1,3,5-triazin-2-yl)amino]-1-hydroxy-2-naphthyl-3-sulpho]azo]-3-hydroxy-7-nitronaphthalene-1-sulphonato(4-)]cobaltate
-	Pentenylated polyethylene glycol sulfate salt
13654-09-6	Perbromobiphenyl
-	Perchlorate
7601-90-3	Perchloric acid
127-18-4	Perchloroethylene
-	Perfluorated compound
-	Perfluorinated alkylthio betaine
-	Perfluorinatedalkyl polyalkoxysilane
-	Perfluorinatedalkyl polyhydroxysilane
1763-23-1	Perfluoro(octane-1-sulfonic acid)
1763-23-1	perfluoro(octane-1-sulfonic acid) (PFOS)
-	Perfluoroalkyl acrylate copolymer
-	Perfluoroalkyl aromatic carbamate modified alkyl methacrylate copolymer
-	Perfluoroalkyl epoxide
-	Perfluoroalkyl substituted alkyl sulfonate (generic)
-	Perfluoroalkylethyl acrylate copolymer
-	Perfluoroalkylethyl methacrylate copolymer
-	Perfluoroalkylethyl methacrylate copolymer with dialkylaminoethylmethacrylate
-	Perfluoroalkylethyl methacrylate copolymer with hydroxymethyl acrylamide, vinyl chloride and long chain fatty alkyl acrylate
-	Perfluorobutane sulfonic acid (PFBS) and its salts
-	Perfluorobutanesulfonamide and polyoxyalkylene containing polyurethane (generic)
307-34-6	Perfluorocarbon (PFC)
559-40-0	Perfluorocyclopentene
307-51-7	Perfluorodecanesulphonyl fluoride
355-46-4	Perfluorohexane sulfonic acid (PFHxS)
423-50-7	Perfluorohexanesulphonyl fluoride
-	Perfluoronated carboxylic acids (PFCAs)
68259-06-3	Perfluorononanesulphonyl fluoride
754-91-6	Perfluorooctane-1-sulfonamide
307-35-7	Perfluorooctane-1-sulfonyl fluoride
-	Perfluoro-octane-sulfonic acid and its salts amines
335-67-1	Perfluorooctanoic acid (PFOA)
2706-91-4	Perfluoropentane-1-sulphonic acid
375-81-5	Perfluoropentane-1-sulphonyl fluoride
-	Perfluoropolyether modified organosilane (generic).
86508-42-1	Perfluorotri-n-butylamine
-	Perhalo alkoxy ether
-	PFHxS
62-44-2	Phenacetin
85-01-8	Phenanthrene
108-95-2	Phenol
-	Phenol - biphenyl polymer condensate
-	Phenol and its derivatives
-	Phenol and vinyltoluene based hydrocarbon resin
-	Phenol, 1,1-dimethylalkyl derivatives (generic)
73936-80-8	Phenol, 2-(1-methyl-1-phenylethyl)-4-(1,1,3,3-tetramethylbutyl)-
-	Phenol, 2,2'-[1,2-disubstituted-1,2-ethanediyl]bis(iminomethylene)bis[substituted- (generic)
134701-20-5	Phenol, 2,4-dimethyl-6-(1-methylpentadecyl)-
558452-77-0	Phenol, 2,6-dimethyl-, homopolymer, ether with 2,2',3,3',5,5'-hexamethyl[1,1'-biphenyl]-4,4'-diol (2:1),bis[(ethenylphenyl)methyl] ether
1332716-20-7	Phenol, 2-[[[3-(1H-imidazol-1-yl)propyl]imino]phenylmethyl]-5-(octyloxy)-
1078715-83-9	Phenol, 2-[[[3-(dimethylamino)propyl]amino]methyl]-6-methyl-, 4-polybutene derivs.
1253404-90-8	Phenol, 2-[1-[[3-(1H-imidazol-1-yl)propyl]imino]ethyl]-
1801269-80-6	Phenol, 2-dodecyl-, branched
71119-07-8	Phenol, 2-ethoxy-4-(ethoxymethyl)-
1801269-77-1	Phenol, 3-dodecyl-, branched
30813-81-1	Phenol, 4-(1,1-dimethylethyl)-, homopolymer
93589-69-6	Phenol, 4,4'-[methylenebis(oxy-2,1-ethanediythio)]bis-
90884-29-0	Phenol, 4,4'-[oxybis(2,1-ethanediythio)]bis-
197178-93-1	Phenol, 5-amino-2,4-dichloro-, hydrochloride
68937-41-7	Phenol, isopropylated, phosphate (3:1)

**Appendix I**  
**List of Substances/Chemicals that are not intended to use in this product**

CAS no.	Substance
452082-53-0	Phenol, polymer with formaldehyde, 3-[(2-aminocyclohexyl)amino]-2-hydroxypropyl ethers
1539128-27-2	Phenol, styrenated, reaction products with polyethylene glycol and 2-[(2-propen-1-yloxy)methyl]oxirane
-	Phenol-biphenyl-formaldehyde polycondensate
-	Phenothiazine derivative
-	Phenoxazin-5-ium, 3-dialkylamino-7-arylamino-, salt
-	Phenoxy alkyl ether
-	Phenyl azo dye
-	Phenyl substituted triazolinones
-	Phenyl(disubstituted)polycyclic
-	Phenyl, alkyl, hydroxyalkyl substituted imidazole
-	Phenylazoalkoxy naphthylamines
-	Phenylenebis(imino (chlorotriazinyl)imino(substituted naphthyl)azo(substituted phenyl)azo, sodium salt
95-54-5	Phenylenediamine
100-63-0	Phenylhydrazine
-	Phenylmercuric acetate/nitrate/octanoate
96-09-3	Phenylloxirane
-	Phosphated polyarylphenol ethoxylate, potassium salt
-	Phosphine, dialkylphenyl
284685-45-6	Phosphinic acid, P,P-diethyl-, zinc salt (2:1)
132767-86-3	Phosphinothioic acid, P,P-bis(2,4,4-trimethylpentyl)-
-	Phosphonic acid chloride, diester
-	Phosphonic acid ester
55088-28-3	Phosphonic acid, P-[2-[bis(2-hydroxyethyl)amino]ethyl]-, bis(2-chloroethyl) ester
71463-79-1	Phosphonic acid, P-[3-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]propyl]-
71463-81-5	Phosphonic acid, P-[3-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]propyl]-, diethyl ester
1186211-38-0	Phosphonic acid, p-octyl-, lanthanum(3+) salt (2:1)
1773514-66-1	Phosphonic acid, P-tetradecyl-, reaction products with cadmium selenide (CdSe)
-	Phosphonium salt
220689-12-3	Phosphonium, tetrabutyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanefluorobutanesulfonate (1:1)
359406-89-6	Phosphonium, tetrakis(hydroxymethyl)-, chloride (1:1), reaction products with 1-tetradecanamine and urea
-	Phosphonocarboxylate salts
-	Phosphoramidate
-	Phosphoramidic acid, carbomonocyclic-, diphenylester
-	Phosphoric acid derivative
-	Phosphoric acid esters
129733-59-1	Phosphoric acid, C6-12-alkyl esters, compds. with 2-(dibutylamino)ethanol
-	Phosphoric acid, metal salt (generic).
-	Phosphoric acid, mixed esters
882693-50-7	Phosphoric acid, mixed mono- and diesters with 2-ethyl-1-hexanol and polyethylene glycol mono-C12-16-alkyl ethers
34621-99-3	Phosphoric acid, P,P'-1,2-ethanediyl P,P,P',P'-tetrakis(2-chloro-1-methylethyl) ester
-	Phosphoric acid, polymer with cycloaliphatic diglycidyl ether, alkylethers
22239-24-3	Phosphoric acid, sodium titanium (4+) salt (3:1:2)
63944-06-9	Phosphoroselenoictrichloride
26083-30-7	Phosphoroselenoictrifluoride
10025-87-3	Phosphorous Halides
13445-50-6	Phosphorous Hydrides and its derivatives
-	Phosphorous modified epoxy resin
6303-21-5	Phosphorous Oxoacids and its derivatives
7803-51-2	Phosphorus
7789-69-7	Phosphorus Pentabromide
10026-13-8	Phosphorus Pentabromide
7647-19-0	Phosphorus Pentabromide
1314-80-3	Phosphorus Pentasulfide
1314-56-3	Phosphorus Pentoxide
-	Phosphorus Sulfides
7789-60-8	Phosphorus Tribromide
7783-55-3	Phosphorus Trifluoride
13455-01-1	Phosphorus Triiodide
1314-24-5	Phosphorus Trioxide
85-44-9	Phthalic anhydride
-	Phthalic anhydride, polymer with alkylene glycol and alkanepolyol, acrylate (generic).
99-96-7	P-hydroxybenzoic acid
110-85-0	Piperazine
130277-45-1	Piperazinone, 1,1',1''-[1,3,5-triazine-2,4,6-triyltris(cyclohexylimino)-2,1-ethanediyl]]tris[3,3,4,5,5-pentamethyl-
71463-74-6	Piperidin-1-ium perfluorooctane-1-sulfonate
6975-24-2	P-isopropylcinnamaldehyde
-	Pitch, coal tar, high temp.
-	Plasticizers Phthalate
-	Plastics, wastes, pyrolyzed, bulk pyrolysate (generic).
-	Plastics, wastes, pyrolyzed, heavy distillate (generic).
-	Plastics, wastes, pyrolyzed, light distillate (generic).
-	Plastics, wastes, pyrolyzed, middle distillate (generic).
26543-97-5	P-Isononylphenol
100-00-5	P-nitrochlorobenzene
100-02-7	P-nitrophenol
1806-26-4	P-octylphenol
25068-38-6	Poly(Bisphenol A-co-epichlorohydrin)
675869-05-3	Poly(oxy-1,2-ethanediyl), .alpha.-(2-methyl-2-propen-1-yl)-.omega.-hydroxy-,C12-16-alkyl ethers
72009-86-0	Poly(oxy-1,2-ethanediyl), .alpha.-(1-oxo-2-propen-1-yl)-.omega.-((1,1'-biphenyl)-2-yloxy)-
28554-31-6	Poly(oxy-1,2-ethanediyl), .alpha.-(2-hydroxy-3-sulfopropyl)-.omega.-[4-(1,1,3,3-tetramethylbutyl)phenoxy]-, sodium salt (1:1)
620610-66-4	Poly(oxy-1,2-ethanediyl), .alpha.-(2-methyl-2-propen-1-yl)-.omega.-hydroxy-, C10-16-alkyl ethers
675869-02-0	Poly(oxy-1,2-ethanediyl), .alpha.-(2-methyl-2-propen-1-yl)-.omega.-hydroxy-, C12-15-alkyl ethers

**Appendix I**  
**List of Substances/Chemicals that are not intended to use in this product**

CAS no.	Substance
58857-49-1	Poly(oxy-1,2-ethanediyl), .alpha.-(9Z)-9-octadecen-1-yl-.omega.-hydroxy-, phosphate, ammonium salt
-	Poly(oxy-1,2-ethanediyl), .alpha.,.alpha.'-[(1-methylethylidene)di-4,1-phenylene]bis[.omega.-[[6-(2,5-dihydro-2,5-dioxo-1H-pyrrol-1-yl)-1-oxohexyl]oxy]-
174254-18-3	Poly(oxy-1,2-ethanediyl), .alpha.,.alpha.'-[thiobis(1-oxo-3,1-propanediyl)]bis[.omega.-hydroxy-, bis(C11-15 and C11-15-isoalkyl) ethers
52032-20-9	Poly(oxy-1,2-ethanediyl), .alpha.-[[[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]methylamino]carbonyl]-.omega.-butoxy-
68298-80-6	Poly(oxy-1,2-ethanediyl), .alpha.-[2-[ethyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonyl]amino]ethyl]-.omega.-hydroxy-
56372-23-7	Poly(oxy-1,2-ethanediyl), .alpha.-[2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl]-.omega.-hydroxy-
68298-81-7	Poly(oxy-1,2-ethanediyl), .alpha.-[2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]ethyl]-.omega.-hydroxy-
68958-60-1	Poly(oxy-1,2-ethanediyl), .alpha.-[2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]ethyl]-.omega.-methoxy-
106008-93-9	Poly(oxy-1,2-ethanediyl), .alpha.-butyl-.omega.-hydroxy-, ester with boric acid (H3BO3)
52495-71-3	Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-(2-oxiranylmethoxy)-, ether with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol (3:1)
306975-84-8	Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy-, polymer with 1,6-diisocyanatohexane, N-(hydroxyethyl)-N-methylperfluoro-C4-8-alkanesulfonamides-blocked
224646-44-0	Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-[[1-((2-propen-1-yloxy)methyl)tridecyl]oxy]-, ammonium salt (1:1)
352661-91-7	Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-[[1-((2-propen-1-yloxy)methyl)undecyl]oxy]-, ammonium salt (1:1)
184719-88-8	Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-[1-((4-nonylphenoxy)methyl)-2-(2-propen-1-yloxy)ethoxy]-, branched, ammonium salts
-	Poly(oxy-1,2-ethanediyl), alpha substituted-omega-hydroxy-, C16-20 alkyl ethers
54140-64-6	Poly(oxy-1,2-ethanediyl), alpha.alpha.'-(1-methylethylidene)di-4,1-phenylene]bis[.omega.-(oxiranylmethoxy)-
56565-72-1	Poly(oxy-1,2-ethanediyl), alpha-[(13Z)-1-oxo-13-docosen-1-yl]-.omega.-[[1(13Z)-1-oxo-13-docosen-1-yl]oxy]-
-	Poly(oxy-1,2-ethanediyl), .alpha., -monoalkyl ethers-.omega.-mono (hydrogen maleate)-
50974-47-5	Poly(oxy-1,2-ethanediyl), .alpha.-(1-oxo-2-propenyl)-.omega.- (nonylphenoxy)-
36493-27-3	Poly(oxy-1,2-ethanediyl), .alpha.-(1-oxodocosyl)-.omega.-[(1-oxodocosyl)oxy]-
9051-57-4	Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.- (nonylphenoxy)-, ammonium salt
68649-55-8	Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.- (nonylphenoxy)-, branched, ammonium salt
-	Poly(oxy-1,4-butanediyl), -hydro-hydroxy-, polymer with alkyl diisocyanates
-	Poly(oxyalkylenediyl), .alpha.-[[[methyl-3-[[[polyfluoroalkyl]oxy]carbonyl]amino]phenyl]amino]carbonyl]-.omega.-methoxy-
-	Poly(oxyalkylenediyl), .alpha.-substituted carbomonocycle-.omega.-substituted carbomonocycle
-	Poly(oxyethylene)alkyl ether (alkyl C=12-15)
9016-45-9	Poly(oxyethylene)nonylphenyl ether
9036-19-5	Poly(oxyethylene)octylphenyl ether
149303-87-7	Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-(1-oxo-2-propen-1-yl)-.omega.-{(tetrahydro-2-furanyl)methoxy]-
1220986-58-2	Poly[oxy(methyl-1,2-ethanediyl)], .alpha.,.alpha.'-[1,4-cyclohexanediyl]bis(methylene)]bis[.omega.-(2-aminomethyl)ethoxy]-
613246-75-6	Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-[2-[[2,2-dimethyl-3-[(1-oxododecyl)oxy]propylidene]amino]methyl]ethoxy]-.omega.-[2-[[2,2-dimethyl-3-[(1-oxododecyl)oxy]propylidene]amino]methyl]ethoxy]-
68310-17-8	Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-[2-[ethyl[(1,1,2,2,3,3,4,4,5,5,5-undecafluoropentyl)sulfonyl]amino]ethyl]-.omega.-hydroxy-
68259-38-1	Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-[2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl]-.omega.-hydroxy-
68259-39-2	Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-[2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptyl)sulfonyl]amino]ethyl]-.omega.-hydroxy-
37338-48-0	Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-[2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctyl)sulfonyl]amino]ethyl]-.omega.-hydroxy-
858944-25-9	Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-methyl-.omega.- (4-nonylphenoxy)-, branched
958238-81-8	Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-sulfo-.omega.-hydroxy-, C12-13-branched and linear alkyl ethers, sodium salts
958238-82-9	Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-sulfo-.omega.-hydroxy-, C14-15-branched and linear alkyl ethers, sodium salts
126928-24-3	Poly[oxy(methyl-1,2-ethanediyl)], alpha.alpha.'-(2,2-dimethyl-1,3-propanediyl)bis[.omega.-(oxiranylmethoxy)-
1041420-54-5	Poly[oxy-1,2-ethanediyl), .alpha.-(1-oxododecyl)-.omega.-[3-triethoxysilyl]propoxy]-
25014-41-9	Polyacrylonitrile
-	Polyalkenyl, N,N'-bistriazole
-	Polyalkenylalkylphenol
-	Polyalkylene glycol polyamide ester phosphate
-	Polyalkylene glycol substituted acetate
-	Polyalkylene oxide dialkylamine
-	Polyalkylene polyamine
-	Polyalkylenepolyol alkylamine
-	Polyalkyltrisiloxane (generic)
-	Polyamide amine
-	Polyamide dithiocarbamate
-	Polyamine ureaformaldehyde condensate
-	Polyaminopolyacid
-	Polyaromatic amine phosphate
-	Polyaromatic hydrocarbons
-	Polyaromatic organophosphorus compound
-	Polyaziridinyl ester of an aliphatic alcohol
67774-32-7	Polybrominated biphenyls (PBB)
-	Polybrominated diphenylethens (PBDE)
-	Polycarbamoylsulfonic acid sodium salt
-	Polycarbocyclic methacrylate
-	Polycarboxylic acid ester
1336-36-3	polychlorinated biphenyls (PCB)
-	Polychlorinated naphthalenes (only those containing more than 2 chlorine atoms in the molecule)
8001-35-2	Polychloro-2,2-dimethyl-3-methylidenebicyclo[2.2.1]heptane (Synonym: Toxaphene)
-	Polychloronaphthalenes
130498-29-2	Polycyclic Aromatic Hydrocarbon
-	Polycyclic isocyanate
-	Polycyclic polyamine diester organometallic compound
-	Polyepoxy polyol
-	Polyester of adipic acid with 1,3-butanediol, 1,2- propanediol and 2-ethyl-1- hexanol
-	Polyester polyurethane acrylate
-	Polyester silane
-	Polyether acrylate
-	Polyether ester acid compound with a polyamine amide
-	Polyether modified fatty acids
-	Polyether modified polysiloxane, acrylated

**Appendix I**  
**List of Substances/Chemicals that are not intended to use in this product**

CAS no.	Substance
-	Polyether polyester copolymer phosphate
-	Polyether polyester urethane phosphate (generic).
-	Polyether polyol
-	Polyetherdiamine
-	Polyethyleneamine crosslinked with substituted polyethylene glycol
-	Polyfluorinated alkyl amine
-	Polyfluorinated alkyl halide
-	Polyfluorinated alkyl polyamide
-	Polyfluorinated alkyl quaternary ammonium chloride (generic)
-	Polyfluorinated alkyl thio acrylamide
-	Polyfluorinated alkyl thio polyacrylamide
-	Polyfluorinated alkyl thio polyacrylic acid-acrylamide
-	Polyfluorinated alkyl thiol
-	Polyfluorinatedalkylsulfonyl substituted alkane derivative (generic)
-	Polyfluoroalkylether
-	Polyfluorocarboxylates
-	Polyfluorohydrocarbon (generic)
-	Polyfluorosulfonic acid salt
-	Polyglycerin alkyl ether
-	Polyglycerin mono(4-nonylphenyl) ether
-	Polyhydroxyaminoether salts
-	Polyisobutene epoxide
-	Polyitaconic acid, sodium zinc salt (generic)
306975-62-2	Polymer of 1,1-dichloroethene / dodecyl methacrylate / 2-(N-methylperfluoroalkyl(C=4-8)sulfonamido)ethyl acrylate
306975-85-9	Polymer of 1,1-dichloroethene / dodecyl methacrylate / N-(hydroxymethyl)acrylamide / 2-(N-methylperfluoroalkyl(C=4-8)sulfonamido)ethyl methacrylate / octadecyl methacrylate
70776-36-2	Polymer of 1,1-dichloroethene, N-(hydroxymethyl)acrylamide, 2-(N-methylperfluorobutane-1-sulfonamido)ethyl acrylate, 2-(N-methylperfluoroheptane-1-sulfonamido)ethyl acrylate, 2-(N-methylperfluorohexane-1-sulfonamido)ethyl acrylate, 2-(N-methylperfluorooctane-1-sulfonamido)ethyl acrylate, 2-(N-methylperfluoropentane-1-sulfonamido)ethyl acrylate and octadecan-1-yl methacrylate
652968-34-8	Polymer of 1,3-phenylenedimethanamine / (reaction products of 2-(chloromethyl)oxirane and polyethylene glycol)
68909-15-9	Polymer of 2-(heptadecafluorooctyl-N-methylsulfonamido)ethyl methacrylate / icosyl acrylate / 2-(nonafluorobutyl-N-methylsulfonamido)ethyl acrylate / octadecyl acrylate / branched octyl acrylate / 2-(pentadecafluoroheptyl-N-methylsulfonamido)ethyl acrylate / polyethylene glycol acrylate methyl ether / 2-(tridecafluorohexyl-N-methylsulfonamido)ethyl acrylate / 2-(undecafluoropentyl-N-methylsulfonamido)ethyl acrylate
68555-91-9	Polymer of 2-(N-ethylperfluorobutane-1-sulfonamido)ethyl methacrylate, 2-(N-ethylperfluoroheptane-1-sulfonamido)ethyl methacrylate, 2-(N-ethylperfluorohexane-1-sulfonamido)ethyl methacrylate, 2-(N-ethylperfluorooctane-1-sulfonamido)ethyl methacrylate, 2-(N-ethylperfluoropentane-1-sulfonamido)ethyl methacrylate and octadecan-1-yl methacrylate
68877-32-7	Polymer of 2-(N-ethylperfluorobutane-1-sulfonamido)ethyl methacrylate, 2-(N-ethylperfluoroheptane-1-sulfonamido)ethyl methacrylate, 2-(N-ethylperfluorohexane-1-sulfonamido)ethyl methacrylate, 2-(N-ethylperfluorooctane-1-sulfonamido)ethyl methacrylate, 2-(N-ethylperfluoropentane-1-sulfonamido)ethyl methacrylate and isoprene
68555-92-0	Polymer of 2-(N-methylperfluorobutane-1-sulfonamido)ethyl methacrylate, 2-(N-methylperfluoroheptane-1-sulfonamido)ethyl methacrylate, 2-(N-methylperfluorohexane-1-sulfonamido)ethyl methacrylate, 2-(N-methylperfluorooctane-1-sulfonamido)ethyl methacrylate, 2-(N-methylperfluoropentane-1-sulfonamido)ethyl methacrylate and octadecan-1-yl methacrylate
306978-04-1	Polymer of acrylamide / butyl acrylate / 2-(N-methylperfluoroalkyl(C=4-8)sulfonamido)ethyl acrylate / 1,1-dichloroethene
68541-80-0	Polymer of acrylic acid, 2-(N-ethylperfluorooctane-1-sulfonamido)ethyl methacrylate and octadecan-1-yl acrylate
71487-20-2	Polymer of acrylic acid, methyl methacrylate, 2-(N-methylperfluorobutane-1-sulfonamido)ethyl acrylate, 2-(N-methylperfluoroheptane-1-sulfonamido)ethyl acrylate, 2-(N-methylperfluorohexane-1-sulfonamido)ethyl acrylate, 2-(N-methylperfluorooctane-1-sulfonamido)ethyl acrylate, 2-(N-methylperfluoropentane-1-sulfonamido)ethyl acrylate and styrene
-	Polymer of alkanepolyol and polyalkylpolyisocyanatocarbomonocycle, acetone oxime-blocked
68867-60-7	Polymer of alpha-acryloyl-omega-methoxypropyl(oxyethylene), 2-(N-methylperfluorobutane-1-sulfonamido)ethyl acrylate, 2-(N-methylperfluoroheptane-1-sulfonamido)ethyl acrylate, 2-(N-methylperfluorohexane-1-sulfonamido)ethyl acrylate, 2-(N-methylperfluorooctane-1-sulfonamido)ethyl acrylate and 2-(N-methylperfluoropentane-1-sulfonamido)ethyl acrylate
-	Polymer of bisphenol A diglycidal ether, substituted alkenes, and butadiene
68555-90-8	Polymer of butan-1-yl acrylate, 2-(N-methylperfluorobutane-1-sulfonamido)ethyl acrylate, 2-(N-methylperfluoroheptane-1-sulfonamido)ethyl acrylate, 2-(N-methylperfluorohexane-1-sulfonamido)ethyl acrylate, 2-(N-methylperfluorooctane-1-sulfonamido)ethyl acrylate and 2-(N-methylperfluoropentane-1-sulfonamido)ethyl acrylate
306976-25-0	Polymer of butyl acrylate / butyl methacrylate / N-[2-(methacryloyloxy)ethyl]-N,N-dimethylhexadecan-1-aminium bromide / 2-(N-methylperfluoroalkane(C=4-8)-1-sulfonamido)ethyl acrylate
127133-66-8	Polymer of butyl methacrylate / dodecyl methacrylate / methacrylic acid / 2-(N-methylperfluoroalkyl(C=4-8)sulfonamido)ethyl methacrylate
77226-90-5	Polymer of diphenyl carbonate / diphenyl methylphosphonate / 4,4'-(propane-2,2-diyl)diphenol
-	Polymer of disodium maleate, allyl ether, and ethylene oxide
68329-56-6	Polymer of hexadecan-1-yl acrylate, icosan-1-yl acrylate, 2-(N-methylperfluorobutane-1-sulfonamido)ethyl acrylate, 2-(N-methylperfluoroheptane-1-sulfonamido)ethyl acrylate, 2-(N-methylperfluorohexane-1-sulfonamido)ethyl acrylate, 2-(N-methylperfluorooctane-1-sulfonamido)ethyl acrylate, 2-(N-methylperfluoropentane-1-sulfonamido)ethyl acrylate and octadecan-1-yl acrylate
12071-83-9	Polymer of N,N'-propylenebis(dithiocarbamic acid)and zinc; propineb
98999-57-6	Polymer of N-[2-(acryloyloxy)ethyl]-N-methylperfluoroalkane(C=7-8)sulfonamide / 2-ethoxyethyl acrylate / [2-(methacryloyloxy)ethyl](trimethyl)ammonium chloride / oxiran-2-ylmethyl methacrylate
-	Polymer of phenol, biphenyl and resorcinol
-	Polymer of polyethylenepolyamine and alkanediol diglycidyl ether
-	Polymer of substituted phenol, formaldehyde, epichlorohydrin, and disubstituted benzene
-	Polymer of terephthalic acid and ethyl benzene with multi-walled carbon nanotube
-	Polymeric MDI based polyurethanes
-	Polymerized rosin amidoamine
-	Polymer of polyalkylenepolyol and trisubstituted phenol
-	Polymers of C13-C15 oxoalcohol ethoxolates
-	Polymethylsiloxane, distillation residues (generic)
-	Polynaphthalene chloride
-	Polyoxyalkylene glycol amine
-	Polyoxyalkylene ether, polymer with aliphatic diisocyanate, homopolymer, alkanol-blocked
-	Polyoxyalkylene substituted aromatic azo colorant
9005-64-5	Polyoxyethylene (20) sorbitan monolaurate (polysorbate 20)
-	Polyoxyethylene polyalkylarylether sulfate ammonium salt
383905-85-9	Polyphosphoric acids, compds. with piperazine

**Appendix I**  
**List of Substances/Chemicals that are not intended to use in this product**

CAS no.	Substance
-	Polyphosphoric acids, esters with substituted amines, compounds with alkyl pyridines
-	Polypiperidinol-acrylate methacrylate
9003-53-6	Polystyrene
-	Polysubstituted bis phenylazonaphthalene disulfonic acid
-	Polysubstituted carbomonocyclic hydroxylamine
-	Polysubstituted phenylazopolysubstitutedphenyl dye
-	Polysubstituted piperidine
-	Polysulfide mixture
9002-82-0	Polytetrafluoroethylene (PTFE)
-	Polythiol
-	Polyurea
-	Polyurethane polymer
9002-86-2	Polyvinyl chloride (PVC)
-	Polyvinylchloride (PVC), Polyvinylidene chloride(PVDC) and Chlorinated plastics
-	Post-consumer recycled waste
2991-51-7	Potassium (N-ethylperfluorooctane-1-sulfonamido)acetate
55910-10-6	Potassium [(heptadecafluorooctyl)sulfonyl](propyl)amino]acetate
67584-62-7	Potassium [ethyl[(pentadecafluoroheptyl)sulfonyl]amino]acetate
67584-53-6	Potassium [ethyl[(tridecafluoroheptyl)sulfonyl]amino]acetate
3872-25-1	Potassium 1,1,2,2,3,3,4,4,5,5,5-undecafluoropentane-1-sulfonate
3871-99-6	Potassium 1,1,2,2,3,3,4,4,5,5,5,6,6,6-tridecafluoroheptane-1-sulfonate
60270-55-5	Potassium 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptane-1-sulfonate
335-24-0	Potassium 1,2,2,3,3,4,5,5,6,6-decafluoro-4-(pentafluoroethyl)cyclohexanesulphonate
68541-01-5	Potassium 2,3,4,5-tetrachloro-6-[(3-[[[pentadecafluoroheptyl)sulfonyl]oxy]phenyl]carbamoyl]benzoate
57589-85-2	Potassium 2,3,4,5-tetrachloro-6-[(3-[[[perfluorooctan-1-yl)sulfonyl]oxy]phenyl]carbamoyl]benzoate
68815-72-5	Potassium 2,3,4,5-tetrachloro-6-[(3-[[[tridecafluoroheptyl)sulfonyl]oxy]phenyl]carbamoyl]benzoate
68541-02-6	Potassium 2,3,4,5-tetrachloro-6-[[[3-[[[undecafluoropentyl)sulfonyl]oxy]phenyl]amino]carbonyl]benzoate
7778-50-9	Potassium chromate
67584-42-3	Potassium decafluoro(pentafluoroethyl)cyclohexanesulphonate
68156-07-0	Potassium decafluoro(trifluoromethyl)cyclohexanesulphonate
67584-52-5	Potassium N-ethyl-N-[(undecafluoropentyl)sulfonyl]glycinate
7758-09-0	Potassium nitrite
68156-01-4	Potassium nonafluorobis(trifluoromethyl)cyclohexanesulphonate
2795-39-3	Potassium perfluorooctane-1-sulfonate
1502809-56-4	Potassium salt of (butyl, decyl, octyl, 2-(2-phenoxyethoxy)ethyl and 2-phenoxyethyl) mixed ester of phosphoric acid
1456802-88-2	Potassium salt of (monohexadecyl ether of polymer of 2-methylloxirane / oxirane) phosphate
178094-69-4	Potassium salt of N-[3-(N,N-dimethylazino)propan-1-yl]perfluorooctane-1-sulfonamide
-	Potassium salt of polyolefin acid
14263-59-3	Potassium Tetracyanoaurate (III)
12673-69-7	Potassium titanium oxide
12056-51-8	Potassium titanium oxide (K <sub>2</sub> Ti <sub>6</sub> O <sub>13</sub> )
13827-02-6	Potassium trifluorozincate
3107-18-4	Potassium undecafluorocyclohexanesulphonate
156-43-4	P-phenetidine
78-96-6	Preparations containing 1-Amino-2-propanol
100-20-9	Preparations containing Benzene-1,4-dicarbonyl = dichloride
75-75-2	Preparations containing Methanesulphonic acid
-	Primary Aromatic Amines (PAA)
-	Prop.65 update 13/9/19 LDPE
35123-06-9	Propanamide, 2-hydroxy-N,N-dimethyl-
35544-45-7	Propanamide, N-(2-hydroxyethyl)-3-methoxy-
3607-78-1	Propane, 1,1,1,3,3,3-hexachloro-
147783-69-5	Propanedioic acid, 2-[(4-methoxyphenyl)methylene]-, 1,3-bis(1,2,2,6,6-pentamethyl-4-piperidinyl) ester
25176-89-0	Propanenitrile, 3-[[4-[(5,6-dichloro-2-benzothiazolyl)azo] phenyl]ethylamino]-
-	Propanenitrile, 3-[amino, (C14-18 and C16-18 unsaturated alkyl)] dipropylenetri-
-	Propanenitrile, 3-[amino, (C14-18 and C16-18 unsaturated alkyl)] trimethylenedi-
-	Propanenitrile, 3-[amino, (C14-18 and C16-18 unsaturated alkyl)] tripropylenetetra-
-	Propanenitrile, 3-[amino, N-tallowalkyl] dipropylenetri-
-	Propanenitrile, 3-[amino, N-tallowalkyl] tripropylenetri-
16586-42-8	Propanenitrile, 3-[ethyl[3-methyl-4-[(6-nitro-2-benzothiazolyl)azo] phenyl]amino]-
22288-41-1	Propaneperoxoic acid, 2,2-dimethyl-, 1,1,3,3-tetramethylbutyl ester
-	Propanetriol polyalkylenepolyolamine aryl aldimine
137787-41-8	Propanoic acid, 2-(trimethoxysilyl)-, ethyl ester
-	Propanoic acid, 2-hydroxy-, compds. with hydrolyzed bisphenol A-epichlorohydrin-polyethylene glycol ether with bisphenol A (2:1) polymer-N1-(1,3-dimethylbutylidene)-N2-[2-[(1, 3-dimethylbutylidene)amino]ethyl]-1,2-ethanediamine-dialdehyde-2-(methylamino)ethanol reaction products formates (salts), (generic).
-	Propanoic acid, 2-hydroxy-, compds. with hydrolyzed bisphenol A-epichlorohydrin-polyethylene glycol ether with bisphenol A (2:1) polymer-N1-(1,3-dimethylbutylidene)-N2-[2-[(1, 3-dimethylbutylidene)amino]ethyl]-1,2-ethanediamine-dialdehyde-2-(methylamino)ethanol reaction products formates (salts), (generic).
306975-57-5	Propanoic acid, 3-hydroxy-2-(hydroxymethyl)-2-methyl-, polymer with 1,1'-methylenebis[4-isocyanatobenzene] and 1,2,3-propanetriol, reaction products with N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-N-(2-hydroxyethyl)-1-octanesulfonamide and N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-N-(2-hydroxyethyl)-1-heptanesulfonamide, compds. with morpholine
306975-56-4	Propanoic acid, 3-hydroxy-2-(hydroxymethyl)-2-methyl-, polymer with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol and N,N',2-tris(6-isocyanatohexyl)imidodicarbonic diamide, reaction products with N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-N-(2-hydroxyethyl)-1-octanesulfonamide and N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-N-(2-hydroxyethyl)-1-heptanesulfonamide, compds. with triethylamine
1560-69-6	Propanoic acid, cobalt(2+) salt
1952336-63-8	Propanoic acid, iron (2+) salt (2:1).
-	Propanoic acid, alkyl ester, polymer with 1,3- cyclohexanedialkylamine, reaction products with oxirane(alkoxyalkyl) (generic).
-	Propionic acid methyl ester
-	Propoxylated ethoxylated alkylamine
94-14-3	Propyl 4-hydroxybenzoate

**Appendix I**  
**List of Substances/Chemicals that are not intended to use in this product**

CAS no.	Substance
94-13-3	Propylparaben
43100-38-5	P-tert-butylbenzohydrazide
167062-70-6	Pulp, cellulose, reaction products with lignin.
-	p-xylene
-	Pyrazolone azomethine dye
-	Pyrazolone derivative
129-00-0	Pyrene
110-86-1	Pyridine
69045-84-7	Pyridine, 2,3-dichloro-5-(trifluoromethyl)-
1815-99-2	Pyridine, 4-decyl-
346709-25-9	Pyrimido[5,4-g]pteridine-2,4,6,8-tetramine 4-methylbenzenesulfonate base-hydrolyzed
120-80-9	Pyrocatechol
-	Pyrolysis oil product (generic).
33204-76-1	Quadrosilan
-	Quaternary alkyl methyl amine ethoxylate methyl chloride
-	Quaternary ammonium alkyltherpropyl trialkylamine halides
-	Quaternary ammonium compound
-	Quaternary ammonium compounds, bis(fattyalkyl) dimethyl, salts with tannins
956147-76-5	Quaternary ammonium compounds, dicoco alkyl dimethyl, chlorides, reaction products with silica
-	Quaternary ammonium compounds, fatty alkyl dialkyl hydroxide
-	Quaternary ammonium compounds, tri-C8-10-alkylmethyl, hydrogen sulfates
308074-73-9	Quaternary ammonium compounds, tris(hydrogenated tallow alkyl)methyl, chlorides
-	Quaternary ammonium hydroxide
-	Quaternary ammonium salt of fluorinated alkylaryl amide
-	Quaternary ammonium salts
-	Quaternized protein/silicone copolymer
-	Quino[2,3-b] acridine-7,14-dione, 2,9-dichloro-5,12-dihydro [4-[[2-(sulfooxy) ethyl] substituted] phenyl]-, sodium salt (1:1)
-	Quino[2,3-b]acridine-7, 14-dione, 5, 12-dihydro-2,9-dimethyl-, 4-[(17-substituted-3,6,9,12,15-pentaazaheptadec-1-yl)substituted]phenyl derivs., hydrochlorides
-	Quino[2,3-b]acridine-7,14-dione, 5,12-dihydro-ar-[4-[[2-(sulfooxy)ethyl]substituted]phenyl]-, monosodium salt
91-22-5	Quinoline
-	Radioactive substances
-	Rare earth phosphate
-	Rare earth salt of a carboxylic acid
-	Raw material of nanometersize
160901-25-7	Reaction product of 2-ethyl-1-hexanol, N-ethyl-N-(hydroxyethyl)perfluoroalkane(C=4-8)sulfonamide and polymethylenepolyphenylene isocyanate
-	Reaction product of a mixture of aromatic dianhydrides and aliphatic esters with an aromatic diamine (generic)
192662-29-6	Reaction product of acrylic acid and N-[3-(dimethylamino)propyl]perfluoroalkane(C=4-8)sulfonamide
-	Reaction product of alkanediol and epichlorohydrin
-	Reaction product of alkylene diamine, MDI, substituted carbomonocyclic amine and alkylamine
-	Reaction product of alkylphenol, aromatic cyclicamine, alkyl diglycidyl dibenzene, and formaldehyde
-	Reaction product of alkylphenyl glycidyl ether, polyalkylenepolyamine, alkyl diglycidyl dibenzene, and polyalkylcyclicdiamine
-	Reaction product of alkylphenyl glycidyl ether, polyalkylenepolyamine, and alkyl diglycidyl dibenzene
-	Reaction product of aluminum hydroxide and modified alkoxy silane
68608-14-0	Reaction product of bis(4-isocyanatophenyl)methane and N-ethyl-N-(hydroxyethyl)perfluoroalkane(C=4-8)sulfonamide
-	Reaction product of dichlorobenzidine and substituted alkylamide
-	Reaction product of epoxy with anhydride and glycerol and glycol
-	Reaction product of ethoxylated fatty acid oils and a phenolic pentaerythritol tetraester
705265-31-2	Reaction product of ethylene glycol and 2-(chloromethyl)oxirane
148684-79-1	Reaction product of ethylene glycol, N-(hydroxyethyl)-N-methylperfluoroalkane(C=4-8)sulfonamide and polymer of 1,6-diisocyanatohexane
-	Reaction product of phenolic pentaerythritol tetraesters with fatty acid esters and oils, and glyceride triesters
475645-84-2	Reaction product of polymer of dimethyl methyl-hydrogen cyclosilazanes / dimethyl methyl-hydrogen silazanes with 3-(triethoxysilyl)propan-1-amine
-	Reaction product of substituted aromatic diol, formaldehyde and alkanolamine, propoxylated
-	Reaction product of trimethylolpropane triacrylate and alkylene imine
-	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) with ≥0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)
-	Reaction products of alcohols, alkyl alcohols, amino alcohols and methanol sodium salts
-	Reaction products of fatty alcohols, (aminoethylaminopropyl) dialkoxymethylsilane, glycidol, and hydroxy-terminated polydimethylsiloxane
68649-26-3	Reaction products of N-ethyl-N-(2-hydroxyethyl)perfluorobutane-1-sulfonamide, N-ethyl-N-(2-hydroxyethyl)perfluoroheptane-1-sulfonamide, N-ethyl-N-(2-hydroxyethyl)perfluorohexane-1-sulfonamide, N-ethyl-N-(2-hydroxyethyl)perfluorooctane-1-sulfonamide, N-ethyl-N-(2-hydroxyethyl)perfluoropentane-1-sulfonamide, octadecan-1-ol and polymethylenepolyphenylene isocyanate
-	Reaction products of secondary alkyl amines with a substituted benzenesulfonic acid and sulfuric acid
-	Reaction products of substituted hydroxyalkanes and polyalkylpolyisocyanatocarbomono- cycle
-	Recovered metal hydroxide
108-46-3	Resorcinol
108-46-3	Resorcinol
-	Rosin amidoamine
-	Rubber cement containing benzene (benzene content >5%)
389623-01-2	Rutile, tin zinc, calcium-doped
389623-07-8	Rutile, tin zinc, sodium-doped
-	Rye
950-37-8	S-(2,3-dihydro-5-methoxy-2-oxo-1,3,4-thiadiazol-3-yl)methyl O,O-dimethylphosphorodithioate; methidathion (DMTP)
95465-99-9	S,S-bis(1-methylpropyl) O-ethyl phosphorodithioate; cadusafos
28249-77-6	S-4-chlorobenzyl N,N-diethylthiocarbamate; thiobencarb
62850-32-2	S-4-phenoxybutyl N,N-dimethylthiocarbamate; phenothiocarb
94-59-7	Safrole
90-02-8	Salicylaldehyde
-	Salt of a modified tallow alkylendiamine
-	Salt of a substituted sulfonated aryl azo compound
-	Salt of an acrylic acid - acrylamide terpolymer



**Appendix I**  
**List of Substances/Chemicals that are not intended to use in this product**

CAS no.	Substance
-	Salt of cyclodiamine and mineral acid
2437-29-8	Salt of dimethyl(4-[[4-(dimethylamino)phenyl](phenyl)methylidene]cyclohexa-2,5-dien-1-ylidene)ammonium and oxalic acid (2:3)
-	Salt of mixed fatty amidoamines
-	Salt of mixed fatty amidoamines and polyethylenepolyamines
-	Salt of polyalkylenepolyamine derivative
26087-47-8	S-benzyl O,O-diisopropyl phosphorothioate; iprobenfos (IBP)
172343-36-1	Schiff bases, from ammonia-diethylene glycol reaction product fractionation forecuts and formaldehyde
-	Selenium and its compounds
00057-56-7	Semicabazide
57-56-7	Semicarbazide
2212-67-1	S-ethyl hexahydro-1H-azepine-1-carbothioate; molinate
85535-84-8	Short-chain chlorinated paraffins (SCCP)
35077-00-0	Silanamine, 1,1,1-triethoxy-N,N-diethyl-
-	Silane, (1,1-dimethylethoxy) dimethoxy(2-methyl propyl)-
1191036-21-1	Silane, (3-chloropropoxy)dimethyl(1-methylethyl)-
100402-91-3	Silane, trimethoxy[3-(oxiranylmethoxy)propyl]-, reaction products with wollastonite (Ca(SiO <sub>3</sub> ))
-	Silanes substituted macrocycle polyethyl
-	Silanized amorphous silica (generic).
649574-37-8	Silica, [(ethenylsilylidyne)tris(oxy)]-modified
16923-87-8	Silicate(2-), hexafluoro-, cesium (1:2)
181828-07-9	Silicic acid (H <sub>6</sub> Si <sub>2</sub> O <sub>7</sub> ), magnesium strontium salt (1:1:2), dysprosium and europium-doped
102184-95-2	Silicic acid, zirconium salt, cadmium pigment-encapsulated
-	Silicoaluminophosphates, compd. with organic amine
-	Silicon, tris(dialkyl phenyl)-dialkyl-dioxoalkane-naphthalene disulfonate (generic).
7440-21-3	silicone
-	Silicone and its compound
-	Siloxane and its derivatives
-	Siloxane modified alumina nanoparticles
-	Siloxane modified silica nanoparticles
1623456-05-2	Siloxanes and Silicones, 3-[(2-aminoethyl)amino]propyl Me, di-Me, reaction products with cadmium zinc selenide sulfide, lauric acid and oleylamine
189354-73-2	Siloxanes and Silicones, 3-[(2-aminoethyl)amino]propyl Me, di-Me, reaction products with polyethylene-polypropylene glycol Bu glycidyl ether
-	Siloxanes and Silicones, alkyl, alky propoxy ethyl, methyl octyl, alkyl polyfluorooctyl
-	Siloxanes and silicones, aminoalkyl, fluoroalkyl, hydroxy-terminated salt
179005-02-8	Siloxanes and Silicones, di-Me, 3-[4-[[[3-(dimethylamino)propyl]amino]carbonyl]-2-oxo-1-pyrrolidiny]propyl Me
630106-04-6	Siloxanes and Silicones, di-Me, Me vinyl, hydroxy-terminated, reaction products with [(ethenyl)dimethylsilyloxy]-modified silica
630106-00-2	Siloxanes and Silicones, di-Me, Me vinyl, hydroxy-terminated, reaction products with silica
306974-28-7	Siloxanes and Silicones, di-Me, mono[3-[(2-methyl-1-oxo-2-propen-1-yl)oxy]propyl group]-terminated, polymers with 2-[methyl(perfluoro-C4-8-alkyl)sulfonyl]amino]ethyl acrylate and stearyl methacrylate
478823-10-8	Siloxanes and Silicones, di-Me, polymers with Ph silsesquioxanes, hydrolyzed, reaction products with 2-[[3-(trimethoxysilyl)propoxy]methyl]oxirane
182635-99-0	Siloxanes and Silicones, Me hydrogen, reaction products with 2,2,6,6-tetramethyl-4-(2-propen-1-yloxy)piperidine
630106-02-4	Siloxanes and Silicones, Me vinyl, hydroxy-terminated, reaction products with [(ethenyl)dimethylsilyloxy]-modified silica
630106-01-3	Siloxanes and Silicones, Me vinyl, hydroxy-terminated, reaction products with silica
-	Silver and its compounds
7783-93-9	Silver perchlorate
-	Silyl amine, potassium salt
-	Silylated polyurethane
-	Simazine
-	Single-walled and multi-walled carbon nanotubes
-	Single-walled carbon nanotubes
-	Sinorhizobium meliloti strain RMBPC-2
1391739-82-4	Slimes and Sludges, aluminum and iron casting, wastewater treatment, solid waste
1392095-50-9	Slimes and Sludges, automotive coating, wastewater treatment, solid waste
16752-77-5	S-methyl-N-(methylcarbamoyloxy)thioacetimidate; methomyl
81190-38-7	Sodio(2-hydroxyethyl)[3-[(2-hydroxy-3-sulphonatopropyl)(tridecafluorohexyl)sulphonyl]amino]propyl]dimethylammonium hydroxide
3871-50-9	Sodium (N-ethylperfluorooctane-1-sulfonamido)acetate
141321-68-8	Sodium [(carboxymethyl)(dodecan-1-yl)amino]acetate
51032-47-4	Sodium [[(heptadecafluorooctyl)sulphonyl]amino]methyl]benzenesulphonate
68299-21-8	Sodium [[(tridecafluorohexyl)sulphonyl]amino]methyl]benzenesulphonate
68299-20-7	Sodium [[(undecafluoropentyl)sulphonyl]amino]methyl]benzenesulphonate
132-27-4	Sodium 1,1'-biphenyl-2-olate
73772-32-4	Sodium 3-[[3-(dimethylamino)propyl]((tridecafluorohexyl)sulphonyl)amino]-2-hydroxypropanesulphonate
94133-90-1	Sodium 3-{N-[3-(N,N-dimethylamino)propan-1-yl]perfluorooctane-1-sulfonamido}-2-hydroxypropane-1-sulfonate
68955-20-4	Sodium alkyl sulfate (alkyl C=16-18)
68299-29-6	Sodium ar-[[[pentadecafluoroheptyl]sulphonyl]amino]methyl]benzenesulphonate
26628-22-8	Sodium azide
532-32-1	Sodium benzoate
-	Sodium bromide MDA complex
7775-11-3	Sodium chromate
143-33-9	Sodium cyanide
151-21-3	Sodium dodecyl sulfate
7681-53-0	Sodium Hypophosphite
62-74-8	Sodium monofluoroacetate
68555-71-5	Sodium N-ethyl-N-[(pentadecafluoroheptyl)sulphonyl]glycinate
68555-70-4	Sodium N-ethyl-N-[(tridecafluorohexyl)sulphonyl]glycinate
68555-69-1	Sodium N-ethyl-N-[(undecafluoropentyl)sulphonyl]glycinate
7632-00-0	Sodium nitrite
-	Sodium olefin sulfonate derivative
7791-07-3	Sodium perchlorate
9004-82-4	Sodium poly(oxyethylene) dodecyl ether sulfate

**Appendix I**  
**List of Substances/Chemicals that are not intended to use in this product**

CAS no.	Substance
151688-56-1	Sodium salt of (monohehexadecyl ether of polymer of 2-methyloxirane / oxirane) phosphate
4016-24-4	Sodium salt of 2-sulfohexadecanoic acid 1-methyl ester
-	Sodium salt of an alkylated, sulfonated aromatic
-	Sodium salt of azo acid dye
-	Sodium salts of dodecylphenol
1344-00-9	Sodium silico-aluminate
-	Sodium tungsten oxide.
1002761-12-7	Soybean oil, epoxidized, reaction products with diethanolamine
-	Specified benzotriazole
-	Specified bromine-based flame retardants
-	Specified organic tin compounds
-	Specific benzotriazole
-	Spelt wheat
-	Spiro naphthoxazine
91648-39-4	Stannane, dioctyl-, bis(coco acyloxy) derivs
-	Stilbene diglycidyl ether
100-42-5	Styrene
-	Styrene oligomers
-	Styrene, copolymer with acrylic acid, salt with alkoxyated alkenylamine
-	Styrenyl surface treated manganese ferrite
-	Styrenyl surface treated manganese ferrite with acrylic ester polymer
-	Substituted 1,6-dihydroxy naphthalene
-	Substituted 2-nitro- and 2-aminobenzenesulfonamide
-	Substituted 6,6'-(1-methylethylidene)bis[3,4-dihydro-3-phenyl-1,3-benzoxazine]
-	Substituted acridine naphtha substituted benzamide
-	Substituted acrylamide
-	Substituted acrylamides and acrylic acid copolymer
-	Substituted aliphatic amine
-	Substituted alkanolamine ether (generic).
-	Substituted alkanolamine phenol
-	Substituted alkene, reaction products with isophoronediamine
-	Substituted alkyl aminomethylene polyphosphonic acid, salt
-	Substituted alkyl ester, hydrolysis products with silica
-	Substituted alkyl ester, hydrolysis products with silica and substituted silane
-	Substituted alkyl halide
-	Substituted alkyl phosphine oxide
-	Substituted alkyl sulfonamide
-	Substituted alkylamides
-	Substituted alkylamine salt
-	Substituted amide aromatic carboxylic acid, metal salt
-	Substituted amino ethane sulfonic acid salt
-	Substituted aminoalkyl nitrile
-	Substituted aminobenzoic acid ester
-	Substituted and disubstituted tetrafluoro alkenes
-	Substituted anilino halobenzamide
-	Substituted anthraquinone
-	Substituted aromatic
-	Substituted aryl acetonitrile
-	Substituted aryl sulfonium polyfluorophosphate salts
-	Substituted azo metal complex dye
-	Substituted benzamine thio-ether
-	Substituted benzenamine schiff base
-	Substituted benzenediamine
-	Substituted benzenesulfonic acid salt
-	Substituted benzoic acid
-	Substituted benzonitrile
-	Substituted benzophenone
-	Substituted benzothiazole-azo-substituted benzoquinoline nickel complex
-	Substituted benzotriazole
-	Substituted benzotriazole derivatives
-	Substituted benzyl acrylate
-	Substituted bis 2,6-xyleneol
-	Substituted bisaniline
-	Substituted bis-phenol
-	Substituted bromothiophene
-	Substituted carbazate
-	Substituted carboheterocyclic butane tetracarboxylate
-	Substituted carboxamide
-	Substituted dialkyl oxazolone
-	Substituted dimethyl phenols
-	Substituted diphenylmethane
-	Substituted ethanolamine
-	Substituted ethoxylated hydrocarbon
-	Substituted ethyl alkenamide
-	Substituted halogenated pyridinol
-	Substituted halogenated pyridinol, alkali salt
-	Substituted heteroaromatic-2[[4-(dimethylamino) phenyl]azo]-3-methyl-, salts
-	Substituted heteromonocycle, polymer with substituted alkane and ethoxylated alkane, substituted heteromonocycle substituted alkyl ester-blocked (generic).
-	Substituted heteromonocycle, telomer with substituted carbomonocycles, substituted alkyl ester (generic).
-	Substituted hydrazine
-	Substituted hydroxylamine

**Appendix I**  
**List of Substances/Chemicals that are not intended to use in this product**

CAS no.	Substance
-	Substituted imines
-	Substituted methylpyridine and substituted 2-phenoxy pyridine
-	Substituted naphthalene hydrazide
-	Substituted naphthalene polymer glycidyl ether
-	Substituted naphthalenesulfonic acid, alkali salt
-	Substituted naphtholoazo-substituted naphthalenyl-substituted azonaphthol chromium complex
-	Substituted nitrobenzene
-	Substituted nitrobenzene
-	Substituted oxirane
-	Substituted perfluoroalkyl sulfonamide
-	Substituted perfluoroether
-	Substituted phenol
-	Substituted phenols and formaldehyde polymer, alkylated
-	Substituted phenyl azo substituted benzenediazonium salt
-	Substituted phenyl azo substituted sulfo carbopolycycle
-	Substituted phenyl azo substituted sulfocarbopolycycle, sodium salt
-	Substituted phenylazophenylazo phenol
-	Substituted phenylepoxyde
-	Substituted phenylimino carbamate derivative
-	Substituted phosphate ester
-	Substituted picolinate
-	Substituted picolinic acid
-	Substituted polyaryl sulfonium polyhalide phosphate salt
-	Substituted polyglycidyl benzenamine
-	Substituted polyoxyethylene
-	Substituted propane
-	Substituted purine metal salt
-	Substituted pyridine azo substituted phenyl
-	Substituted pyridine coupled with diazotized substituted nitrobenzotrile, diazotized substituted benzenamine and substituted pyridinecarbonitrile
-	Substituted pyridines
-	Substituted quinoline
-	Substituted quinoline derivative (generic).
-	Substituted resorcinols
-	Substituted silane, hydrolysis products with silica
-	Substituted silyl methacrylate
-	Substituted S-phenylthiazole
-	Substituted spiro oxazine
-	Substituted thiazino hydrazine salt
-	Substituted triazole
-	Substituted triphenylmethane
85-86-9	Sudan (III)
-	Sulfonamide
-	Sulfonamide type plasticizers
179005-06-2	Sulfonamides, C4-8-alkane, perfluoro, N-[3-(dimethyloxidoamino)propyl], potassium salts
178535-22-3	Sulfonamides, C4-8-alkane, perfluoro, N-ethyl-N-(hydroxyethyl), polymers with 1,1'-methylenebis[4-isocyanatobenzene] and polymethylenepolyphenylene isocyanate, 2-ethylhexyl esters, Me Et ketone oxime-blocked
68608-13-9	Sulfonamides, C4-8-alkane, perfluoro, N-ethyl-N-(hydroxyethyl), reaction products with TDI
-	Sulfonated alkylbenzene salts (generic).
-	Sulfonated-copper phthalocyanine salt of a triaryl methane dye
-	Sulfonic acid, linear xylene alkylate, mono, sodium salts
68391-09-3	Sulfonic acids, C6-12-alkane, perfluoro, potassium salts
306974-45-8	Sulfonic acids, C6-8-alkane, perfluoro, compds. with polyethylene-polypropylene glycol bis(2-aminopropyl) ether
-	Sulfonyl azide intermediate
-	Sulfosuccinic acid ester, alkylamine derivs., sodium salt
7704-34-9	Sulfur
-	Sulfur bridged substituted phenols
7446-09-5	Sulfur dioxide
180189-40-6	Sulfur thulium ytterbium yttrium oxide
7446-11-9	Sulfur trioxide
84501-49-5	Sulfuric acid, mono-C9-11-alkyl esters, sodium salts
-	Sulfurized alkylphenol
-	Sulfurized hydrocarbon
-	Surface modified magnesium hydroxide
-	Tall oil fatty acids, reaction products with polyamines, alkyl substituted
-	Tantalum and their derivatives
896-85-2	Tar acid
-	Tar acids fraction (generic).
101316-83-0	Tar, brown-coal
-	TCEP
100-21-0	Terephthalic acid
-	Terpenes
166432-37-7	Terpenes and Terpenoids, limonene fraction, distn. residues, distillates
61788-32-7	Terphenyl, hydrogenated
-	tert-Amyl peroxy alkylene ester
134098-61-6	Tert-butyl 4-([(1,3-dimethyl-5-phenoxy-4-pyrazolyl)methylidene]aminooxy)methylbenzoate; fenpyroximate
75-91-2	Tert-butyl hydroperoxide
1948-33-0	Tert-butylhydroquinone (TBHQ)
25103-58-6	Tert-dodecanethiol
-	Tertiary amine
-	Tertiary amine alkyl ether
-	Tertiary amine salt of glycol succinate

**Appendix I**  
**List of Substances/Chemicals that are not intended to use in this product**

CAS no.	Substance
-	Tertiary ammonium compound
-	Tetra alkyl ammonium salt
-	Tetraaryltin
12267-73-1	Tetraboron disodium heptaoxide
40088-47-9	Tetrabromo(phenoxybenzene)
40088-47-9	Tetrabromo(phenoxybenzene) (Synonym: Tetrabromodiphenyl ether)
79-94-7	Tetrabromobisphenol A (TBBA, TBBPA)
109678-33-3	Tetrabromodipentaerythritol
558-13-4	Tetrabromomethane
14518-69-5	Tetrabutylphosphonium hydroxide
-	Tetrachlorodifluoroethane; CFC-112
1897-45-6	Tetrachloroisophthalonitrile; chlorothalonil; TPN
56-23-5	Tetrachloromethane
117-08-8	Tetrachlorophthalic anhydride
629-59-4	Tetradecane
107-49-3	Tetraethyl pyrophosphate (TEPP)
56773-42-3	Tetraethylammonium perfluorooctane-1-sulfonate
97-77-8	Tetraethylthiuram disulfide; disulfiram
1187-03-7	Tetraethylurea
-	Tetrafluoro nitrotoluene
-	Tetrafluoroethylene chlorotrifluoroethylene copolymer
-	Tetraglycidalamines
7226-23-5	Tetrahydro-1,3-dimethyl-1H-pyrimidin-2-one
79710-86-4	Tetrahydrofuran-3-carboxaldehyde
-	Tetrahydroheteropolycycle
11070-44-3	Tetrahydromethylphthalic anhydride
1660-95-3	Tetraisopropyl methylenebisphosphonate
-	Tetramethylammonium salts of alkylbenzenesulfonic acid
97-74-5	Tetramethylthiuram monosulfide
2602-46-2	Tetrasodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis[5-amino-4-hydroxynaphthalene-2,7-disulphonate]
2429-81-4	Tetrasodium 5-[[4'-[[2,6-diamino-3-[[8-hydroxy-3,6-disulphonato-7-[(4-sulphonato-1-naphthyl)azo]-2-naphthyl]azo]-5-tolyl]azo][1,1'-biphenyl]-4-yl]azo]salicylate
-	Tetrasubstituted aminocarboxylic acid
13453-40-2	Thallium perchlorate ( I )
-	Thermolized wasted plastic
-	Thiaalkanethiol
-	Thiadiazole derivative
126213-50-1	Thieno[3,4-b]-1,4-dioxin, 2,3-dihydro-
62-55-5	Thioacetamide
111-17-1	Thiodipropionic acid
-	Thioether epoxy
-	Thionocarbamate derivative
116971-11-0	Thiophene, 2,5-dibromo-3-hexyl-
-	Thiosubstituted carbonate ester
1033050-53-1	Thiosulfuric acid (H2S2O3), manganese(2+) salt (1:1)
62-56-6	Thiourea
137-26-8	Thiuram
-	Tin and their derivatives
-	Tin(2+) salt of alkylcarboxylic acid
1315588-63-6	Tin, C16-18 and C18-unsatd. fatty acids castor-oil fatty acids complexes
-	Tires, wastes, pyrolyzed, C5-15 condensate oil fraction
1410795-89-9	Tires, wastes, pyrolyzed, C6-39 oil fraction
1410795-87-7	Tires, wastes, pyrolyzed, C7-56 oil fraction
17927-72-9	Titanium acetylacetonate
13463-67-7	Titanium dioxide
-	Titanium oxide compound (generic).
-	Titanium salt, reaction products with silica (generic)
108-88-3	Toluene
-	Toluene diisocyanate, polymers with polyalkylene glycol
-	Toluene sulfonamide bisphenol A epoxy adduct
25376-45-8	Toluenediamine
95-53-4	Toluidine
26471-62-5	Tolylene diisocyanate
57966-95-7	Trans-1-(2-cyano-2-methoxyiminoacetyl)-3-ethylurea; cymoxanil
156-60-5	Trans-1,2-dichloroethylene
39765-80-5	Trans-nanochlor
77536-68-6	Tremolite
-	Trialkylammonium borodibenzoate (generic)
-	Triaryltin
75-25-2	Tribromomethane; bromoform
36483-57-5	Tribromoneopentyl alcohol
77-94-1	Tributyl citrate
102-82-9	Tributylamine
81741-28-8	Tributyltetradecylphosphonium chloride
688-73-3	Tributyltin (TBT)
56-36-0	Tributyltin acetate
1461-22-9	Tributyltin chloride
1983-10-4	Tributyltin fluoride
3090-36-6	Tributyltin laurate
2155-70-6	Tributyltin methacrylate
56-35-9	Tributyltin Oxide (TBTO)
6517-25-5	Tributyltin sulfamate

**Appendix I**  
**List of Substances/Chemicals that are not intended to use in this product**

CAS no.	Substance
-	Tricarbomonocycle-substituted carbomonocycletricarboxamide
98-13-5	Trichloro (phenyl) silane and preparation containing the same
76-03-9	Trichloroacetic acid
12002-48-1	Trichlorobenzene
79-01-6	Trichloroethylene
75-69-4	Trichlorofluoromethane; CFC-11
76-06-2	Trichloronitromethane; chloropicrin
-	Trichlorotrifluoroethane; CFC-113
3380-34-5	Triclosan
-	Tricyclic quaternary amine salt
3717-40-6	Tricyclo[3.3.1.1 <sup>3,7</sup> ]decan-1-amine, N,N-dimethyl-
68239-74-7	Tridecafluoro-N-(4-hydroxybutyl)-N-methylhexanesulphonamide
68259-15-4	Tridecafluoro-N-methylhexanesulphonamide
629-50-5	Tridecane
-	Tridecyl phthalate
-	Triethanolamine salts of fatty acids
51851-37-7	Triethoxy(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)silane
2602-34-8	Triethoxy[3-(2-oxiranylmethoxy)propyl]silane
427-700-2	Triethyl Arsenate [427-700-2]
77-93-0	Triethyl citrate
121-44-8	Triethylamine
112-24-3	Triethylenetetramine
-	Trifunctional acrylic ester
-	Trimellitic anhydride, polymer with alkanolamine and tetrahydrophthalic anhydride
-	Trimellitic anhydride, polymer with substituted glycol, alkyl phenols and ethoxylated nonylphenol
-	Trimethyl spiropolyheterocyclic naphthalene compound
38006-74-5	Trimethyl[3-(perfluorooctane-1-sulfonamido)propan-1-yl]ammonium chloride
1652-63-7	Trimethyl[3-(perfluorooctane-1-sulfonamido)propan-1-yl]ammonium iodide
68957-55-1	Trimethyl-3-[(undecafluoropentyl)sulphonyl]amino]propylammonium chloride
68957-57-3	Trimethyl-3-[(undecafluoropentyl)sulphonyl]amino]propylammonium iodide
-	Trimethylolpropane polyol, aminated
126-73-8	Tri-n-butyl phosphate
2587-76-0	Trioctyltin chloride
26412-88-4	Trioxochromium
-	Triphenodioxazine derivatives
115-86-6	Triphenyl phosphate
136040-19-2	Triphenylmethylum tetrakis(pentafluorophenyl)borate(1-)
900-95-8	Triphenyltin acetate
639-58-7	Triphenyltin chloride
7094-94-2	Triphenyltin chloroacetate
379-52-2	Triphenyltin fluoride
76-87-9	Triphenyltin hydroxide
1803-12-9	Triphenyltin N,N-dimethyldithiocarbamate
-	Triphenyltin salt of fatty acid (only those containing 9,10 or 11 carbon atoms in the fatty acid)
-	Tris carbamoyl triazine
13674-87-8	Tris(1,3-dichloro-2-propyl)phosphate (TDCPP)
13674-84-5	Tris(1-chloro-2-propyl)phosphate (TCPP)
126-72-7	Tris(2,3-dibromopropan-1-yl) phosphate
115-96-8	Tris(2-chloroethyl) phosphate
78-42-2	Tris(2-ethylhexyl) phosphate
-	Tris(disubstituted alkyl) heterocycle
26523-78-4	Tris(nonylphenyl)phosphite (TNPP)
2250-98-8	Tris[2-(N-ethylperfluorooctane-1-sulfonamido)ethyl] phosphate
-	Tris-alkyl-alkoxy melamine polymer
6358-80-1	Trisodium 4-amino-5-hydroxy-3-[(4'-[[4-hydroxy-2-(2-methylanilino)phenyl]diazanyl]biphenyl-4-yl)diazanyl]-6-[(4-sulfonatophenyl)diazanyl]naphthalene-2,7-disulfonate
6360-29-8	Trisodium 5-[[4'-[[4-(4-amino-7-sulphonato-1-naphthyl)azo]-6-sulphonato-1-naphthyl]azo][1,1'-biphenyl]-4-yl]azo]salicylate
2429-73-4	Trisodium 5-amino-3-[(4'-[(7-amino-1-hydroxy-3-sulfonato-2-naphthyl)diazanyl]biphenyl-4-yl)diazanyl]-4-hydroxynaphthalene-2,7-disulfonate
-	Trisodium chloro [(trisubstituted heteromonocycle amino) propylamino]triazinylamino hydroxyazo naphthalenetrisulfonate
-	Trisodium diethylene triaminepolycarboxylate
7601-54-9	Trisodium phosphate
-	Trisphenol
-	Tristyryl phenol alkoxylate salt
-	Trisubstituted ethoxylated carbomonocycle
-	Trisubstituted anthracene
-	Trisubstituted hydroquinone diester
-	Tri-substituted organostannic compounds
-	Trisubstituted phenol
15578-32-2	Tritin bis(orthophosphate)
1330-78-5	Tritolyl phosphate
-	Trivalent chromium complexes of a substituted beta-naphthol amine azo dye
108-98-5	T-thiophenol
12141-67-2	Tungstate (W12(OH)2O386-), sodium (1:6)
-	Tungsten and their derivatives
355-03-3	Undecafluorocyclohexanesulphonyl fluoride
307-24-4, 21615-47-4	Undecafluorohexanoic acid and its ammonium salt
1120-21-4	Undecane
2432-99-7	Undecanoic acid, 11-amino-
-	Unsaturated fatty acids, amides with polyethylenepolyamine
-	Unsaturated polyester imide
57-13-6	Urea

**Appendix I**  
**List of Substances/Chemicals that are not intended to use in this product**

CAS no.	Substance
-	Urea melamine-formalin condensate
-	Urea, condensate with poly[oxy(methyl-1,2-ethanediyl)]-.alpha.-(2-aminomethylethyl)-.mu.-(2-aminoethylethoxy)
-	Urea, N,N'-(methyl-1,3-phenylene)bis[N',N'-bis[3-polyalkyleneamino]-, compd. with formaldehyde polymer with phenol
51-79-6	Urethane
-	UV-curing component (Photo-initiator)
-	Vanadium compounds
-	Vegetable fatty acid alkyl esters (generic)
94-04-2	Vinyl 2-ethylhexanoate
108-05-4	Vinyl acetate
-	Vinyl carboxylic acid ester
-	Vinyl epoxy ester
54423-67-5	Vinyl neononanoate
693-38-9	Vinyl palmitate
3377-92-2	Vinyl pivalate
1332-08-7	Wolframite
-	Xanthylum, x-[2-(alcoycarbonyl)phenyl]-bis(alkylamino)-dimethyl-, x'-[x"-[hydroxy-x"-[[[hydroxyx"-[phenyldiazanyl]-sulfo-2-naphthalenyl]amino]carbonyl]amino]sulfonaphthalenyl]diazanyl]benzoate, sodium salt
1330-20-7	Xylene
-	Yttrium borate phosphate vanadate with europium and additional dopants
13990-54-0	Yttrium phosphate
7440-66-6	Zinc
-	Zinc ammonium phosphate
-	Zinc bis(dialkyldithiocarbamate)
137-30-4	Zinc bis(N,N-dimethyldithiocarbamate); ziram
-	Zinc carboxylate
-	Zinc carboxylate salt
18957-59-0	Zinc cinnamate
13637-61-1	Zinc perchlorate
72869-37-5	Zinc sulfide (ZnS), cobalt and copper-doped
135364-47-5	Zinc, bis(N,N-dipropyl-.beta.-alaninato-.kappa.N.,kappa.O)-, (T-4)-
171884-15-4	Zinc, bis[3-(acetyl-.kappa.O)-6-methyl-2H-pyran-2,4(3H)-dionato-.kappa.O4]diaqua-
12122-67-7	Zineb
137-30-4	Ziram
-	Zircinia Aluminosilicate, Refractory Ceramic Fibres
7699-43-6	Zirconium dichloride oxide
-	Zirconium dichlorides
-	Zirconium lysine complex
-	Zirconium substituted heteropolycyclic
68988-10-3	Zirconium, dipropylene glycol iso-Bu alc. neodecanoate propionate cobalt complexes
80-56-8 and 127-91-3	$\alpha$ -Pinene and $\beta$ -Pinene
7695-91-2	$\alpha$ -tocopherol acetate
58-95-7	
97-56-3	o-aminoazotoluene

**Appendix II  
Food Allergens and Food Sensitivity**

CAS no.	Substance
-	Abalone
-	Abalone and products
-	Anise
-	Apples and Products Thereof
-	Autolyzed Yeast/Yeast Extracts
-	Azo colors
-	Banana
-	Barley
-	Bee Pollen, Royal jelly
-	Beefs and Products Thereof
-	Beet sugar
-	Benzoic acid
-	Buckwheat and Products Thereof
-	Butylated hydroxyanisole (BHA)
-	Butylated hydroxytoluene(BHT)
-	Carrot
1462343-28-7	Cashew, nutshell liq., polymer with formaldehyde, reaction products with diethanolamine and diisopropanolamine
-	Celery and Products Thereof
-	Cereals containing gluten and Products Thereof
-	Chicken and Products Thereof
-	Chili
-	Chocolate and Products Thereof
-	Cinnamon
-	Clustacean and Products Thereof
-	Cochineal
-	Cocoa and products
-	Coriander
-	Corn and Products Thereof
-	Crab
-	Dairy and Products Thereof
-	Egg and Products Thereof
-	FD&C Yellow No.5 (Tartrazine)
-	FD&C Yellow No.6 (Sunset Yellow)
-	Fish and Products Thereof
-	Garlic
-	Gelatin and Products Thereof
-	Glutamate
-	Grains: Rye, Barley, Malt, Oat
-	Kiwifruits and Products Thereof
-	Legumes and products
-	Lupin and Products Thereof
-	Mackerel and products
-	Maize and products
142-47-2	Matsutake mushroom
-	Milk and products thereof (including lactose)
-	Mollusca
-	MSG (Monosodium Glutamate)
-	Mushroom and products
-	Mustard and products
-	Natural colors
-	Nuts i. e. Almond (Amygdalus communis L.), Hazelnut (Corylus avellana), Walnut (Juglans regia), Cashew (Anacardium occidentale), Pecan nut (Carya illinoensis (Wangenh.) K. Koch), Brazil nut (Bertholletia excelsa), Pistachio nut (Pistacia vera), Macadamia nut and Queensland nut (Macadamia ternifolia) and products thereof
-	Onion
-	Orange, Orange yellow
-	Paraben
-	Peach and products
-	Peanuts and products
-	Pepper
-	Pods and products
-	Pork and Products
-	Preservation (Benzoate, Sorbate)
-	Propolis
-	Psyllium Fibre
-	Rice
-	Royal jelly presented as food
-	Salmon
-	Salmon and products
-	Seeds and products (tofu, soy powder, protein, oil, lecithin)
-	Sesame seeds and products
-	Shellfish
-	Shrimp
-	Soybeans and products thereof
-	Squid
-	Sulfites (>10 mg/kg) includes sulfur dioxide, Sodium Dithionite, Sodium and Potassium Sulfite/ Bisulfite/ Metabisulfite
-	Tamato and products
-	Tartrazine / FD&C Yellow #5 (E102)
-	Things
-	Tree nuts (almond, beechnuts, brazil nuts and nutmeg cashews, chestnuts, coconuts, cashew, hazelnuts, macadamia, pecan, pine nuts, pistachio, walnuts, hickory, hazelnuts/filberts)
-	Umbelliferae and products
-	Vanilla
-	Wheat and products
-	Yam and products

**Appendix III**  
**Food Allergens and Food Sensitivity**

<b>CAS no.</b>	<b>Substance</b>
80-05-7	Bisphenol A (BPA)
1571-75-1	Bisphenol AP
1478-61-1	Bisphenol AF
1675-54-3	Bisphenol A diglycidylether (BADGE)
77-40-7	Bisphenol B
1844-01-5	Bisphenol BP
79-97-0	Bisphenol C
14868-03-2	Bisphenol C 2
66328	Bisphenol E
620-92-8	Bisphenol F
39817-09-9	Bisphenol F diglycidyl ether (BFDGE)
127-54-8	Bisphenol G
13595-25-0	Bisphenol M
80-09-1	Bisphenol S (BPS)
2167-51-3	Bisphenol P
24038-68-4	Bisphenol PH
129188-99-4	Bisphenol TMC
843-55-0	Bisphenol Z
5329-21-5	Dinitrobisphenol A
79-94-7	Tetrabromobisphenol A



**Appendix IV**  
**Polycyclic Aromatic Hydrocarbon(PAHs)**

CAS no.	Substance
208-96-8	Acenaphthylene
201-06-9	Acephenanthrylene
260-94-6	Acridine
	Anthanthrene
120-12-7	Anthracene
84-65-1	9,10-Anthracenedione
90-44-8	9(10H)-Anthracenone
	Anthraquinone
	Anthrone
205-99-2	Benz[e]acephenanthrylene
225-51-4	Benz[c]acridine
56-55-3	Benz[a]anthracene
82-05-3	7H-Benz[de]anthracen-7-one
	Benzanthrone
214-17-5	Benzo[b]chrysene
194-69-4	Benzo[c]chrysene
196-78-1	Benzo[g]chrysene
230-17-1	Benzo[c]cinnoline
	Benzo[a]dibenzothiophene
	Benzo[b]fluoranthene
203-12-3	Benzo[ghi]fluoranthene
205-82-3	Benzo[j]fluoranthene
207-08-9	Benzo[k]fluoranthene
238-84-6	11H-Benzo[a]fluorene
243-17-4	11H-Benzo[b]fluorene
205-12-9	7H-Benzo[c]fluorene
196-79-2	Benzo[h]naphtho [1,2-f]quinolene
239-35-0	Benzo[b]naphtho[2, 1-d]thiophene
189-55-9	Benzo[rst]pentaphene
191-24-2	Benzo[ghi]perylene
195-19-7	Benzo[c]phenanthrene
50-32-8	Benzo[a]pyrene
192-97-2	Benzo[e]pyrene
85-02-9	Benzo[f]quinoline
230-27-3	Benzo[h]quinoline
215-58-7	Benzo[b]triphenylene
259-79-0	Biphenylene
86-74-8	9H-Carbazole
218-01-9	Chrysene
191-07-1	Coronene
203-64-5	4H-Cyclopenta[def]phenanthrene
27208-37-3	Cyclopenta[cd]pyrene
226-36-8	Dibenz[a,h]acridine
224-42-0	Dibenz[a,j]acridine
224-53-3	Dibenz[c,h]acridine
	Dibenz[a,c]anthracene
53-07-3	Dibenz[a,h]anthracene
224-41-9	Dibenz[a,j]anthracene
207-84-1	7H-Dibenzo[a,g]carbazole
239-64-5	13H-Dibenzo[a,i]carbazole
194-59-2	7H-Dibenzo[c,g]carbazole
189-64-0	Dibenzo[b,def]chrysene
191-26-4	Dibenzo[def,mno]chrysene
191-30-0	Dibenzo[def,p]chrysene

**Appendix IV**  
**Polycyclic Aromatic Hydrocarbon(PAHs)**

CAS no.	Substance
	Dibenzo[b,h]phenanthrene
	Dibenzo[a,e]pyrene
	Dibenzo[a,h]pyrene
	Dibenzo[a,i]pyrene
	Dibenzo[a,l]pyrene
132-65-0	Dibenzothiophene
206-44-0	Fluoranthene
86-73-7	9H-Fluorene
484-25-9	9H-Fluoren-9-one
193-39-5	Indeno[1,2,3-cd]pyrene
120-72-9	1H-Indole
119-65-3	Isoquinoline
92-24-0	Naphthacene
91-20-3	Naphthalene
192-65-4	Naphtho[1,2,3,4-def] chrysene
224-98-6	Naphtho[2,3-f]quinoline
222-93-5	Pentaphene
198-55-0	Perylene
203-80-5	1H-Phenalene
	Phenanthraquinone
85-01-8	Phenanthrene
84-11-7	9,10-Phenanthredione
229-87-8	Phenanthridine
66-71-7	1,10-Phenanthroline
30796-92-0	Phenanthro[4,5-bcd]thiophene
92-82-0	Phenazine
	Phenazone
213-46-7	Picene
129-00-0	Pyrene
91-22-5	Quinoline
217-59-4	Triphenylene
92-83-1	9H-Xanthene