

## Product Regulatory Certificate

Product Name:	DIAREX H350E
Chemical Name and Synonyms:	High Impact Polystyrene
CAS Number:	9003-55-8
Formula:	$(-\text{CH}(\text{C}_6\text{H}_5)-\text{CH}_2-)_x (-\text{CH}_2-\text{CH}=\text{CH}-\text{CH}_2-)_y$
Typical Application:	DIAREX H350E is recommended for producing high impact, household product, vacuum sheet, food packaging, toys, sanitary ware, electrical parts
Company Identification/Supplier:	<b>GC Styrenics Co., Ltd.</b> 555/1, Energy Complex, Building A, 15th Floor, Vibhavadi Rangsit Rd., Chatuchak, Bangkok 10900 TEL+66-2265-8400 Fax +66-2265-8125

### 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 Chemical Substances (AICS)

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 16/07/2019). 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

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”. under 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 and Commission Regulation (EU) No. 2017/752, Commission Regulation (EU) No.2018/79, Commission Regulation (EU) No.2018/213, Commission Regulation (EU) No.2018/831 and Commission Regulation (EU) No. 2019/37. This product is complied with overall migration limit and specific migration of heavy metal limit as well.

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## 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 177.1640 (Polystyrene and rubber modified polystyrene) – Determination of total residual styrene monomer.

## 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 chromium (VI) in this product recipe. Furthermore, this product meets the CONEG requirement of less than 100 ppm for total incidental lead, mercury, cadmium and chromium (VI).

### 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.

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## 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.

## Directive 2003/89/EC Food Allergens

We do NOT intend to use food allergenic substances 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 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,

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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.

## 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 of the Regulation 1935/2004/EC.

## Regulation (EC) no. 282/2008

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

## vi) GMP & HACCP

The manufacturing of DIAREX product which used to produce food packaging is certified for GMP&HACCP standard according to Codex Alimentarius by SGS (Thailand) Limited.

## vii) Halal

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

## viii) Other regulations

### Animal Derived Material

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

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## Bisphenol A

We do NOT intend to use Bisphenol A in this product recipe.

## Fluorotelomers, Perfluorooctanoic acid (PFOA) and their derivatives

We do NOT intend to use Fluorotelomers, Perfluorooctanoic acid (PFOA), or Perfluorooctane sulfonate (PFOS) 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 25.04.2018).*

## 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.

## Drug Master File (DMF)

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

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## 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.

## ix) 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.

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- 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.

## x) Absence of Substance and Chemicals

We do not intend to use the Substances/Chemicals listed in attached Appendix I 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:



(Kamolwan Wongkolkitsilp)

Vice President

Production Planning and Sales & Marketing-Polymers

PTT Global Chemical Public Company Limited

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**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
55335-06-3	(3,5,6-trichloro-2-pyridyl)oxyacetic acid; triclopyr
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
-	(Methacrylic acid, ethyl acrylate, n-butyl acrylate, methyl methacrylate and butadiene) copolymer in nanoform
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-tolyloxy)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; vinclozolin
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
89269-64-7	(Z)-2-methylacetophenone 4,6-dimethyl-2-pyrimidinylhydrazone; ferimzone
29398-96-7	[1,1'-Biphenyl]-4,4'-diamine, N,N'-bis(2,4-dinitrophenyl)-3,3'-dimethoxy-
569-64-2	[4-[[4-(dimethylamino)phenyl](phenyl)methylidene]cyclohexa-2,5-dien-1-ylidene](dimethyl)ammonium chloride; malachite green chloride
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
83121-18-0	1-(3,5-dichloro-2,4-difluorophenyl)-3-(2,6-difluorobenzoyl)urea; teflubenzuron
55179-31-2	1-(4-biphenyloxy)-3,3-dimethyl-1-(1H-1,2,4-triazol-1-yl)-2-butanol; bitertanol
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
79-34-5	1,1,2,2-tetrachloroethane
79-00-5	1,1,2-trichloroethane
3555-47-3	1,1,5,5,5-hexamethyl-3,3-bis(trimethylsilyloxy)trisiloxane
13516-27-3	1,1'-[iminodi(octamethylene)]diguanidine; iminocadine
1717-00-6	1,1-dichloro-1-fluoroethane; HCFC-141b
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
85-00-7	1,1'-ethylene-2,2'-bipyridinium dibromide; diquat dibromide
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-dimethanonaphthalene (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)
102-76-1	1,2,3-Propanetriol, triacetate (Triacetin)
96-18-4	1,2,3-trichloropropane
552-30-7	1,2,4-benzenetricarboxylic 1,2-anhydride
87018-38-0	1,2,4-Tribromo-3-butanol
120-82-1	1,2,4-Trichlorobenzene
95-63-6	1,2,4-trimethylbenzene
782-74-1	1,2-bis(2-chlorophenyl)hydrazine
18085-02-4	1,2-diacetoxybut-3-ene
96-12-8	1,2-dibromo-3-chloropropane
408319-76-6	1,2-Dibromo-3-pentanol
99-54-7	1,2-dichloro-4-nitrobenzene
107-06-2	1,2-dichloroethane
78-87-5	1,2-dichloropropane
26447-14-3	1,2-epoxy-3-(tolylloxy)propane
106-88-7	1,2-epoxybutane
75-56-9	1,2-epoxypropane; propylene oxide
100-97-0	1,3,5,7-tetraazatricyclo[3.3.1.1 <sup>3,7</sup> ]decane; hexamethylenetetramine
108-67-8	1,3,5-trimethylbenzene
2451-62-9	1,3,5-tris(2,3-epoxypropyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione
101-90-6	1,3-bis[(2,3-epoxypropyl)oxy]benzene
106-99-0	1,3-butadiene
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
646-06-0	1,3-dioxolane
102-06-7	1,3-diphenylguanidine
1120-71-4	1,3-propanesultone
115-28-6	1,4,5,6,7,7-hexachlorobicyclo[2.2.1]-5-heptene-2,3-dicarboxylic acid; chlorendic acid
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

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

CAS no.	Substance
89-61-2	1,4-dichloro-2-nitrobenzene
123-91-1	1,4-dioxane
3173-72-6	1,5-naphthalenediyl diisocyanate
77-40-7	1. Bisphenol B
26264-02-8	14-(Nonylphenoxy)-3,6,9,12-tetraoxatetradecan-1-ol
106-92-3	1-allyloxy-2,3-epoxypropane
82-45-1	1-amino-9,10-anthraquinone
106-94-5	1-bromopropane
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
80-15-9	1-methyl-1-phenylethyl hydroperoxide
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
143-08-8	1-nonanol; n-nonyl alcohol
111-87-5	1-octanol
80060-09-9	1-tert-butyl-3-(2,6-diisopropyl-4-phenoxyphenyl)thiourea; diafenthion
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
21564-17-0	2-(thiocyanatomethylthio)-1,3-benzothiazole; TCMTB
3026-81-1	2,2'-((Dibutylstannylene)bis(thio))diethanol
115-32-2	2,2,2-trichloro-1,1-bis(4-chlorophenyl)ethanol (Synonym: Kelthane or Dicolol)
6846-50-0	2,2,4-Trimethyl-1,3-pentanediol diisobutyrate
4162-45-2	2,2'-[isopropylidenebis[(2,6-dibromo-4,1-phenylene)oxy]]diethanol
78-67-1	2,2'-azobisisobutyronitrile
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
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
938-22-7	2,3,4,6 Tetrachloroanisole and other derivatives
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
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]furan 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
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)
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)benzhydryl alcohol; fenarimol
553-82-2	2,4-dichloroanisole

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

CAS no.	Substance
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
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
123-54-6	2,4-Pentanedione
105-67-9	2,4-xylenol
856991-78-1	2,5-Dibromo-1-pentanol
213821-20-6	2,5-Dibromo-2-pentanol
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
2081-08-5	2. Bisphenol E
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
27942-27-4	20-(4-Nonylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol
141-43-5	2-aminoethanol
6627-55-0	2-Bromo-4-methylphenol
75-26-3	2-bromopropane
96-29-7	2-Butanone, oxime
4170-30-3	2-butenal
2837-89-0	2-chloro-1,1,1,2-tetrafluoroethane; HCFC-124
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
1912-24-9	2-chloro-4-ethylamino-6-isopropylamino-1,3,5-triazine; atrazine
121-87-9	2-chloro-4-nitroaniline
88-73-3	2-chloronitrobenzene
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
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
834-12-8	2-ethylamino-4-isopropylamino-6-methylthio-1,3,5-triazine; ametryn
149-57-5	2-ethylhexanoic acid
1241-94-7	2-ethylhexyl diphenyl phosphate
688-84-6	2-ethylhexyl methacrylate
5466-77-3	2-ethyl-hexyl-4-methoxycinnamate
818-61-1	2-hydroxyethyl acrylate
96-45-7	2-imidazolidinethione
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
110-49-6	2-methoxyethyl acetate; ethylene glycol monomethyl ether acetate
82657-04-3	2-methyl-1,1'-biphenyl-3-ylmethyl (Z)-3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropanecarboxylate; bifenthrin
99-55-8	2-methyl-5-nitroaniline
55814-41-0	2-methyl-N-[3-(1-methylethoxy)phenyl]benzamide; mepronil
91-59-8	2-naphthylamine/betanaphthylamine and its salts
100606-66-4	2-Pentanol, 1,5-dibromo-
90-43-7	2-phenylphenol
107-19-7	2-propyn-1-ol
3766-81-2	2-sec-butylphenyl N-methylcarbamate; fenobucarb; BPMC
96489-71-3	2-tert-butyl-5-(4-tert-butylbenzylthio)-4-chloro-3(2H)-pyridazinone; pyridaben
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
100-69-6	2-vinylpyridine
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-dioximidazolidine-1-carboxamide; iprodione
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
119-93-7	3,3'-dimethylbenzidine; o-tolidine

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

CAS no.	Substance
91-97-4	3,3'-dimethylbiphenyl-4,4'-diyl diisocyanate
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
3861-47-0	3,5-diiodo-4-octanoyloxybenzotriazole; ioxynil octanoate
27177-08-8	3,6,9,12,15,18,21,24,27-Nonaoxanonacosan-1-ol,29-(nonylphenoxy)
26571-11-9	3,6,9,12,15,18,21,24-Octaoxahexacosan-1-ol,26-(nonylphenoxy)
27177-05-5	3,6,9,12,15,18,21-Heptaoxatricosan-1-ol,23-(nonylphenoxy)-
112-57-2	3,6,9-triazaundecane-1,11-diamine; tetraethylenepentamine
74115-24-5	3,6-bis(2-chlorophenyl)-1,2,4,5-tetrazine; clofentazine
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
153197-14-9	3-[1-(3,5-dichlorophenyl)-1-methylethyl]-3,4-dihydro-6-methyl-5-phenyl-2H-1,3-oxazin-4-one; oxaziclomefone
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
79622-59-6	3-chloro-N-(3-chloro-5-trifluoromethyl-2-pyridyl)-alpha,alpha,alpha-trifluoro-2,6-dinitro-p-toluidine; fluazinam
107-05-1	3-chloropropene; allyl chloride
620-14-4	3-ethyltoluene
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-trifluoromethylbenzamide; flutolanil
96-24-2	3-MCPD or (3-monochloropropane-1,2-diol or 3-chloro-1,2-propanediol)
13684-63-4	3-methoxycarbonylaminophenyl 3'-methylcarbanilide; phenmedipham
33089-61-1	3-methyl-1,5-di(2,4-xylyl)-1,3,5-triazapenta-1,4-diene; amitraz
108-99-6	3-methylpyridine
3268-49-3	3-methylthiopropanal
52645-53-1	3-phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate; permethrin
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; fentrazamide
611-99-4	4,4'-dihydroxybenzophenone
553-26-4	4,4'-bipyridyl
101-80-4	4,4'-diaminodiphenyl ether
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
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
14674-72-7	4. CALCIUMCHLORITE
93-15-2	4-allyl-1,2-dimethoxybenzene
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
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
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
134-84-9	4-methylbenzophenone
36861-47-9	4-methylbenzylidene camphor
674-82-8	4-methylideneoxetan-2-one
104-40-5	4-Nonylphenol, branched and linear, all members
80-46-6	4-tert-Amylphenol (p-(1,1-dimethylpropyl)phenol)
98-54-4	4-tert-butylphenol
140-66-9	4-tert-octylphenol
100-40-3	4-vinyl-1-cyclohexene
7758-19-2	5. SODIUMCHLORITE
3618-72-2	5'-[N,N-bis(2-acetoxyethyl)amino]-2'-(2-bromo-4,6-dinitrophenylazo)-4'-methoxyacetanilide
181587-01-9	5-amino-1-(2,6-dichloro-4-trifluoromethylphenyl)-4-ethylsulfanyl-1H-pyrazole-3-carbonitrile; ethiprole
120068-37-3	5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-3-cyano-4[(trifluoromethyl)sulfanyl]pyrazole; fipronil
1698-60-8	5-amino-4-chloro-2-phenylpyridazin-3(2H)-one; chloridazon

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

CAS no.	Substance
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
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
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
2439-01-2	6-methyl-1,3-dithiolo[4,5-b]quinoxalin-2-one
999-55-3	7. Silanamine, trimethyl-N-trimethylsilyl-
-	Abalone
83-32-9	Acenaphthene
208-96-8	Acenaphthylene
75-07-0	Acetaldehyde
60-35-5	Acetamide
71-48-7	Acetic acid, cobalt(2+) salt
67-64-1	Acetone
75-86-5	Acetone cyanohydrin
75-05-8	Acetonitrile
77-90-7	Acetyl tributyl citrate
-	Acetylated castor oil monoglyceride
107-02-8	Acrolein
79-06-1	Acrylamide
-	Acrylic acid and its water-soluble salts
107-13-1	Acrylonitrile
103-23-1	Adipates, DEHA and other diesters of adipic acid with aliphatic or araliphatic alcohols)
124-04-9	Adipic acid, salts
116-06-3	Aldicarb
-	Alkyl Mercury compounds
-	Alkyl phenols and alkylphenols ethoxylates
107-18-6	Allyl alcohol
1797-74-6	Allyl phenylacetate
-	Almond
1582-09-8	Alpha, alpha, alpha-trifluoro-2,6-dinitro-N,N-dipropyl-p-toluidine; trifluralin
68359-37-5	Alpha-cyano-4-fluoro-3-phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate; cyfluthrin
98-83-9	Alpha-methylstyrene
20859-73-8	Aluminium phosphide
-	Aluminosilicate Refractory Ceramic Fibres
-	Amide free
645-93-2	Ammelide
7789-09-5	Ammonium dichromate
-	Ammonium/Ammonium salt and its compounds
62-53-3	Aniline
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
-	Antimony and its compounds
-	Any kinds of gelatin made in China
-	Apple
-	Aromatic amines
-	Aromatic hydrocarbon
-	Arsenic and its inorganic compounds
-	Artificial musks such nitro musks and polycyclic musks
1332-21-4	Asbestos
-	Azo compounds
-	Azo dye and pigment forming specified
-	Azodicarbonamide
-	Banana
-	Barley
-	Baryum compounds
-	Beef
100-52-7	Benzaldehyde
8001-54-5	Benzalkonium chloride
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]-
101-67-7	Benzenamine, 4-octyl-N-(4-octylphenyl)-
4175-37-5	Benzenamine, 4-octyl-N-phenyl
68921-45-9	Benzenamine, N-phenyl-, Reaction Products with Styrene and 2,4,4-Trimethylpentene (BNST)
71-43-2	Benzene
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]-

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

CAS no.	Substance
552-30-7	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride trimellitic anhydride; TMA
92-87-5	Benzidine and its salts
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
65-85-0	Benzoic acid and its salts
106276-78-2	Benzoic acid, 2,3,4,5-tetrachloro-6-cyano-, methyl ester, reaction products with 4-[(4-aminophenyl)azo]-3-methylbenzamine and sodium methoxide
119-61-9	Benzophenone
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
135-19-3	Betanaphthol
-	Biocides
92-52-4	Biphenyl
117-82-8	Bis (2-methoxyethyl) phthalate (DMEP)
542-88-1	Bis (chloromethyl) ether
80-43-3	Bis(1-methyl-1-phenylethyl) peroxide
10380-28-6	Bis(8-quinolinolato)copper; oxine-copper
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
-	Bismuth and its compounds
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
39817-09-9	Bisphenol F diglycidyl ether (BFDGE)
80-09-1	Bisphenol S (BPS)
10043-35-3	Boric acid
-	Boron and its compounds
2312-73-4	BPA, Pyranil Benzyladenine, N-Benzyl-9-(2-tetrahydropyranil)adenine
-	Brazil nuts
7726-95-6	Bromide
-	Brominated & Chlorinated flame retardants
353-59-3	Bromochlorodifluoromethane; halone-1211
75-27-4	Bromodichloromethane
74-83-9	Bromomethane
75-63-8	Bromotrifluoromethane; halone-1301
-	Buckwheat
123-86-4	Butyl acetate
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
-	Cadmium and its compounds
513-78-0	Cadmium carbonate
21041-95-2	Cadmium hydroxide
10022-68-1, 10325-94-7	Cadmium nitrate
471-34-1	Calcium Carbonate
156-62-7	Calcium cyanamide
173584-44-6	Carbamoyl]indeno[1,2-e][1,3,4]oxadiazine-4a-carboxylate; indoxacarb
75-15-0	Carbon disulfide
513-79-1	Carbonic acid, cobalt(2+) salt (1:1)
-	Carmine Coated Titanated Mica
-	Carmine Iron Blue Coated Titanated Mica
-	Carmine/Cochineal extract
-	Cashew nut
8062-08-6	Cassiterite
-	Celery and products thereof
9004-35-7	Cellulose acetate
-	Cereals containing gluten and products thereof

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

CAS no.	Substance
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
-	Chicken
57-74-9	Chlordane
-	Chlorinated Flame Retardants
71011-12-6	Chlorinatedalkanes C12-13
-	Chlorine and its compounds
107-20-0	Chloroacetaldehyde
79-11-8	Chloroacetic acid
108-42-9	Chloroaniline
108-90-7	Chlorobenzene
75-45-6	Chlorodifluoromethane; HCFC-22
75-01-4	Chloroethylene; vinyl chloride (VCM)
67-66-3	Chloroform
107-07-3	Chlorohydrins
74-87-3	Chloromethane; methyl chloride
76-15-3	Chloropentafluoroethane; CFC-115
-	Chlorotrifluoroethane; HCFC-133
75-72-9	Chlorotrifluoromethane; CFC-13
37337-13-6	Chromated Copper Arsenate
-	Chromic acid/ Dichromic acid / Oligomers of chromicacid and dichromicacid
-	Chromium and chromium(III) compounds
-	Chromium(VI) compounds
218-01-9, 1719-03-5	Chrysene
156-59-2	Cis-1,2-dichloroethylene
-	Cobalt and its compounds
7646-79-9	Cobalt dichloride
61789-40-0	Cocamidopropyl betaine
8050-09-7	Colophony (resin)
-	Colorants or Pigments
1306-08-7	Columbite-tantalite
8018-01-7	Complex compounds of manganese N,N'-ethylenebis(dithiocarbamate)and zinc N,N'-ethylenebis(dithiocarbamate); mancozeb
-	Copolymer of alkyl acrylate, methyl methacrylate and tributyltin methacrylate (only those containing 8 carbon atoms in alkyl group of alkyl acrylate)
-	Copolymer of dimethyl succinate and (4-hydroxy-2,2,6,6-tetramethylpiperidin-1-yl) ethanol
-	Copper and its compounds
-	Copper salts (water-soluble, except complex salts)
-	Crab
61789-28-4	Creosote oil
90640-84-9	Creosote oil, acenaphthene fraction
8021-39-4	Creosote, wood
1319-77-3	Cresol
-	Crustaceans and products thereof
98-82-8	Cumene
420-04-2	Cyanamide
108-80-5	Cyanuric Acid
38582-17-1	Cyclohexanebutanoic acid, cobalt(2+) salt
108-91-8	Cyclohexylamine
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-heptadecafluoroundecyl)-2,4,6,8-tetramethyl-, Si-[3-(oxiranylmethoxy)propyl] derivs
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
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
13650-89-9	Dechlorane A
25339-17-7	Decyl alcohol; decanol
111-42-2	Dethanolamine and its condensate
117-81-7	Di-(2-ethylhexyl) phthalate (DEHP)
131-17-9	Diallyl phthalate
119-90-4	Dianisidine and its salts
1303-28-2	Diarsenic Pentoxide
510-30-5	Diarsenic Trioxide

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

CAS no.	Substance
53-70-3	Dibenz(a,h)anthracene
191-30-0	Dibenzo (a,l) pyrenes
192-65-4	Dibenzo (a,e) pyrenes
189-64-0	Dibenzo (a,h) pyrenes
189-55-9	Dibenzo (a,i) pyrenes
224-42-0	Dibenzo(a,j) acridine
103-50-4	Dibenzyl ether
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
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
84-61-7	Dicyclohexyl phthalate (DCHP)
84-61-7	Dicyclohexyl phthalate (DCHP)
77-73-6	Dicyclopentadiene
94-37-1	Dicyclopentamethylenethiuram disulfide
7173-51-5	Didecyl dimethyl ammonium chloride (DDAC)
123-28-4	Didodecyl 3,3'-thiodipropionate
84-66-2	Diethyl phthalate (DEP)
976-56-7	diethyl[[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methyl]phosphonate
84-69-5	Diisobutyl phthalate (DIBP)
26761-40-0	Diisodecyl phthalate (DIDP)
28553-12-0	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
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
624-92-0	Dimethyl disulfide
624-49-7	Dimethyl fumarate (DMF)
131-11-3	Dimethyl phthalate (DMP)
120-61-6	Dimethyl terephthalate
124-40-3	Dimethylamine
79-44-7	Dimethylcarbamoyl chloride
27987-25-3	Dimethylcyclohexylphthalate (DMCHP)
67-68-5	Dimethylsulfoxide
2528-36-1	Di-n-butyl phenyl phosphate
84-74-2	Di-n-butyl Phthalate (DNBP)
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 (DOT) compounds
-	Dioxins
101-84-8	Diphenyl ether
122-39-4	Diphenylamine
13455-00-0	Diphosphorus Tetraiodide
556-67-2	Disodium octaborate
12008-41-2	Disodium octaborate
13708-85-5	Disodium pydrogen phosphite
1330-43-4	Disodium tetraborate, anhydrous
15666-29-2	Distannathiane, 1,3-dibutyl-1,3-dithio-
5996-91-0	Distillates coal tar, upper
-	Ditetradecyl Ester
8022-00-2	Diethyl ethylmercaptoethyl thiophosphate (Methyl demeton)
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
-	Eggs and products thereof



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

CAS no.	Substance
155569-91-8	Emamectin benzoate
106-89-8	Epichlorohydrin
-	Epoxidised soy bean oil
-	Epoxy derivatives (BADGE, BFDGE or NOGE)
105-60-2	Epsilon-caprolactam
-	Estrogole
75-08-1	Ethanethiol
64-17-5	Ethanol
27176-93-8	Ethanol, 2-[2-(nonylphenoxy)ethoxy]-
7311-27-5	Ethanol, 2-[2-[2-(4-nonylphenoxy)ethoxy]ethoxy]-
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
76578-14-8	Ethyl 2-[4-(6-chloro-2-quinoxalinyloxy)phenoxy]propionate; quizalofop-ethyl
13684-56-5	Ethyl 3-phenylcarbamoyloxycarbanilate; desmedipham
141-78-6	Ethyl acetate
140-88-5	Ethyl acrylate
100-41-4	Ethyl benzene
105-39-5	Ethyl chloroacetate
56-38-2	Ethyl parathion
23676-09-7	Ethyl-4-ethoxybenzoate
32509-66-3	Ethylene bis[3,3-bis[3-(1,1-dimethylethyl)-4-hydroxyphenyl]butanoate]
106-93-4	Ethylene Dibromide (EDB)
109-86-4	Ethylene glycol monomethyl ether
75-21-8	Ethylene oxide
107-15-3	Ethylenediamine
107-15-3	Ethylenediamine (EDA)
333-18-6	Ethylenediamine dihydrochloride
60-00-4	Ethylenediaminetetraacetic acid
151-56-4	Ethyleneimine
61789-01-3	Ethylhexanol esters C16/C18
-	Ethyl-p-acetoxyphenylcarboxylate
-	Fatty acid and its derivatives and its compounds
7705-08-0	Ferric chloride
-	Fish and products thereof
-	Flame retardants (phosphoric organic compounds)
206-44-0	Fluoranthene
86-73-7	Fluorene
-	Fluorine and Fluorine based chemicals
-	Formaldehyde, or substances building or containing Formaldehyde
25214-70-4	Formaldehyde, polymer with benzenamine
-	Fungicides
110-00-9	Furan
-	Gelatin
111-30-8	Glutaraldehyde
-	Glycol ethers (dihydroxydiethyl ether) of the E series and beta isomers of the P series
107-22-2	Glyoxal
-	GMOs (Genetically modified Organisms)
-	Gold and its compounds
-	Ground sunflower seed hulls
-	Halogen and its compounds
124-73-2	Halon 2402 (C2F4Br2) Dibromotetrafluoroethane
68928-80-3	Heptabromo(phenoxybenzene) (Synonym: Heptabromodiphenyl ether)
76-44-8	Heptachlor
1024-57-3	Heptachlor epoxide
142-82-5	Heptane
36483-60-0	Hexabromo (phenoxybenzene) (Synonym: Hexabromodiphenyl ether)
36355-1-8	Hexabromobiphenyl
25637-99-4	Hexabromocyclododecane
-	Hexabromocyclododecanes (HBCDDs)
118-74-1	Hexachlorobenzene
87-68-3	Hexachlorobuta-1,3-diene
77-47-4	Hexachlorocyclopentadiene
67-72-1	Hexachloroethane
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
-	Hexavalent chromium compounds
302-01-2	Hydrazine
10034-93-2	Hydrazine sulfate

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

CAS no.	Substance
-	Hydrochlorofluorocarbon (HCFC), all members
-	Hydrofluorocarbon (HFC), all members
-	Hydrogen fluoride and its water-soluble salts
61788-32-7	Hydrogenated terphenyl
123-31-9	Hydroquinone
12304-65-3	Hydrotalcite
-	Hydroxybenzophenone
193-39-5	Indeno(1,2,3-c,d)pyrene
-	Indium and its compounds
22398-80-7	Indium Phosphide
-	Inorganic cyanide compounds
14484-64-1	Iron tris(N,N-dimethyldithiocarbamate); ferbam
78-84-2	Isobutyraldehyde
-	Isocyanates
9016-87-9	Isocyanic acid, polymethylenepolyphenylene ester
540-84-1	Isooctane
78-79-5	Isoprene
149877-41-8	Isopropyl 2-(4-methoxybiphenyl-3-yl)hydrazinofornate; bifenazate
-	Isopropylthioxanthone and other Photoinitiators
-	Kiwi fruit
7439-92-1	Lead
-	Lead and its compounds
-	Liquid paraffin
-	Lupine
-	Macadamia nuts
-	Mackerel
-	Magnesium and its compounds
108-31-6	Maleic anhydride
591-27-5	M-aminophenol
12427-38-2	Maneb
-	Manganese and its compounds
-	Matsutake mushroom
99-65-0	M-dinitrobenzene
-	medium-chain chlorinated paraffins
108-78-1	Melamine
-	Mercury and its compounds
137-42-8	Metam sodium
79-41-4	Methacrylic acid
74-82-8	Methane
72968-82-2	Methanesulfonamide, N-[2-[(2,6-dicyano-4-methylphenyl)azo]-5-(dipropylamino)phenyl]-
67-56-1	Methanol
90-94-8	Methanone, bis[4-(dimethylamino) phenyl]-
131860-33-8	Methyl (E)-2-[2-[6-(2-cyanophenoxy)pyrimidin-4-yl]oxy]phenyl]-3-methoxyacrylate; azoxystrobin
143390-89-0	Methyl (E)-methoxyimino[2-(o-tolylloxymethyl)phenyl]acetate; kresoxim-methyl
141517-21-7	Methyl (E)-methoxyimino-2-[[[(E)-1-[3-(trifluoromethyl)phenyl]ethylidene]amino]oxy]methyl]phenyl]acetate; trifloxystrobin
136191-64-5	Methyl 2-(4,6-dimethoxy-2-pyrimidinyl)oxy]-6-[1-(methoxyimino)ethyl]benzoate; pyriminobac-methyl
100784-20-1	Methyl 3-chloro-5-(4,6-dimethoxy-2-pyrimidinyl)carbamoylsulfamoyl)-1-methylpyrazole-4-carboxylate; halosulfuron-methyl
99-76-3	Methyl 4-hydroxybenzoate
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
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
-	Methylbenzophenone
39817-09-9	Methylene bis(phenyleneoxymethylene)bioxirane (NOGE)
75-09-2	Methylene chloride
5124-30-1	Methylenebis(4,1-cyclohexylene) diisocyanate
101-68-8	Methylenebis(4,1-phenylene) diisocyanate
60-34-4	Methylhydrazine
23135-22-0	Methyl-N',N'-dimethyl-N-[(methylcarbamoyl)oxy]-1-thioxamimidate; oxamyl
1321-94-4	Methylnaphthalene
9006-42-2	Metiram
90-94-8	Michler's ketone
-	Milk and products thereof (Including lactose)
-	Mineral Oil saturated Hydrocarbons (MOSH) and Mineral Oil aromatic Hydrocarbons (MOAH)
2385-85-5	Mirex
-	Mixed neopentyl glycol benzoate/2-ethylhexanoate
-	Mixture composed of 97 % tetraethyl orthosilicate (TEOS) with CAS No 78-10-4 and 3 % hexamethyldisilazane (HMDS) with CAS No 999-97-3

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

CAS no.	Substance
99-09-2	M-nitroaniline
99-08-1	M-nitrotoluene
-	Mollusca
-	Molybdenum and its compounds
640-19-7	Monofluoroacetamide
144-49-0	Monofluoroacetic acid
-	Montmorillonite clay modified by dimethyldialkyl (C16-C18)ammonium chloride
110-91-8	Morpholine
81-15-2	Musk xylene
-	Mustard and products thereof
793-24-8	N-(1,3-dimethylbutyl)-N'-phenyl-p-phenylenediamine
40487-42-1	N-(1-ethylpropyl)-2,6-dinitro-3,4-xylydine; pendimethalin
126833-17-8	N-(2,3-dichloro-4-hydroxyphenyl)-1-methylcyclohexanecarboxamide; fenhexamid
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
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
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(thiocarbamoylthiozinc)bis(N,N-dimethyldithiocarbamate); polycarbamate
82558-50-7	N-[3-(1-ethyl-1-methylpropyl)-1,2-oxazol-5-yl]-2,6-dimethoxybenzamide; isoxaben
-	N-alkylbenzenesulfonic acid and its salts (alkyl C=10-14)
-	Nanomaterials
91-20-3	Naphthalene
61789-51-3	Naphthenic acids, cobalt salts
7681-93-8	Natamycin (Pimaricin) (E235)
-	Natural Rubber Latex
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
2426-08-6	N-butyl-2,3-epoxypropyl ether
104-51-8	N-Butylbenzene
27253-31-2	Neodecanoic acid, cobalt salt
1077-56-1	N-Ethyl ortho-Toluene Sulfonamide (IUPAC name : N-ethyltoluene-2-sulphonamide)
103-69-5	N-ethylaniline
80-39-7	N-ethyl-p-toluenesulfonamide
-	Nickel and its compounds
139-13-9	Nitrilotriacetic acid
98-95-3	Nitrobenzene
59-87-0	Nitrofurazone
10102-44-0	Nitrogen dioxide (Nitrogen peroxide)
55-63-0	Nitroglycerin
75-52-5	Nitromethane
35576-91-1	Nitrosamines
7782-77-6	Nitrous acid
79-16-3	N-methylacetamide
100-61-8	N-methylaniline
144-54-7	N-methyldithiocarbamic acid; carbam
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
-	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts
111-84-2	Nonane
25154-52-3	Nonylphenol (NP)
-	N-pentyl-n-isopentyl phthalate
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
-	Nut and nut products.
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

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

CAS no.	Substance
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-methylcarbomyl)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
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
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
152-16-9	Octamethyl pyrophosphoramidate (Schraden)
556-67-2	Octamethylcyclotetrasiloxane
556-67-2	Octamethylcyclotetrasiloxane (D4)
111-65-9	Octane
-	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
88-74-4	O-nitroaniline
91-23-6	O-nitroanisole
88-72-2	O-nitrotoluene
-	Orange
-	Organic Tin Compounds
-	Organobromine compound
-	Organochlorine compound
-	Organophosphate compounds
89-72-5	O-sec-butylphenol
84-15-1	O-terphenyl
27304-13-8	Oxychlorane
-	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; attapulgite
123-30-8	P-aminophenol
104-94-9	P-anisidine
56-38-2	Parathion
106-51-4	P-benzoquinone
-	PCDD (Polychlorodibenzodioxane)
-	PCDF (Polychlorodibenzofurane)
106-48-9	P-chlorophenol
106-43-4	P-chlorotoluene
-	PCT's (poly chlorinated terphenyls)
-	Peanuts and products thereof
-	Pecan nuts
32536-52-0	Penta, Octa, Deca BDE
608-93-5	Pentachlorobenzene
82-68-8	Pentachloronitrobenzene; quintozone (PCNB)
87-86-5	Pentachlorophenol
-	Perchlorate
127-18-4	Perchloroethylene
-	Perfluorated compound
1763-23-1	perfluoro(octane-1-sulfonic acid) (PFOS)
307-34-6	Perfluorocarbon (PFC)
355-46-4	Perfluorohexane sulfonic acid (PFHxS)
-	Perfluorinated carboxylic acids (PFCAs)
-	Perfluoro-octane-sulfonic acid and its salts amines
3825-26-1	Perfluorooctanoic acid (PFOA)
86508-42-1	Perfluorotri-n-butylamine
-	PFHxS
85-01-8	Phenanthrene
108-95-2	Phenol
95-54-5	Phenylenediamine
100-63-0	Phenylhydrazine

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

CAS no.	Substance
-	Phenylmercuric acetate/nitrate/octanoate
96-09-3	Phenyloxirane
63944-06-9	Phosphoroselenoictrichloride
26083-30-7	Phosphoroselenoictrifluoride
10025-87-3	Phosphorous Halides
13445-50-6	Phosphorous Hydrides and its derivatives
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
99-96-7	P-hydroxybenzoic acid
110-85-0	Piperazine
-	Pistachio
-	Pitch, coal tar, high temp.
-	Plasticizers Phthalate
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)
50974-47-5	Poly(oxy-1,2-ethanediyl),alpha.-(1-oxo-2-propenyl)-.omega.-(nonylphenoxy)-
9051-57-4	Poly(oxy-1,2-ethenediyl),alpha-sulfo-omega-(nonylphenoxy)-,ammonium salt
68649-55-8	Poly(oxy-1,2-ethenediyl),alpha-sulfo-omega-(nonylphenoxy)-,branched,ammonium salt
-	Poly(oxyethylene)alkyl ether (alkyl C=12-15)
9016-45-9	Poly(oxyethylene)nonylphenyl ether
9036-19-5	Poly(oxyethylene)octylphenyl ether
25014-41-9	Polyacrylonitrile
67774-32-7	Polybrominated biphenys (PBB)
-	Polybrominated diphenylethens (PBDE)
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
-	Polyester of adipic acid with 1,3-butanediol, 1,2- propanediol and 2-ethyl-1- hexanol
12071-83-9	Polymer of N,N'-propylenebis(dithiocarbamic acid)and zinc; propineb
-	Polynaphthalene chloride
9005-64-5	Polyoxyethylene (20) sorbitan monolaurate (polysorbate 20)
9002-86-2	Polyvinyl chloride (PVC)
-	Pork
-	Post-consumer recycled waste
7778-50-9	Potassium chromate
14263-59-3	Potassium Tetracyanoaurate (III)
156-43-4	P-phenetidine
-	Primary Aromatic Amines (PAA)
25176-89-0	Propanenitrile, 3-[[4-[(5,6-dichloro-2-benzothiazolyl)azo] phenyl]ethylamino]-
16586-42-8	Propanenitrile, 3-[ethyl[3-methyl-4-[(6-nitro-2-benzothiazolyl)azo] phenyl]amino]-
1560-69-6	Propanoic acid, cobalt(2+) salt
94-13-3	Propylparaben
129-00-0	Pyrene
110-86-1	Pyridine
120-80-9	Pyrocatechol
33204-76-1	Quadrosilan
91-22-5	Quinoline
-	Radioactive substances
-	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)
108-46-3	Resorcinol
-	Rubber cement containing benzene (benzene content >5%)
-	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

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

CAS no.	Substance
-	Salmon
26087-47-8	S-benzyl O,O-diisopropyl phosphorothioate; iprobenfos (IBP)
-	Selenium and its compounds
57-56-7	Semicarbazide
-	Sesame seeds and products thereof
2212-67-1	S-ethyl hexahydro-1H-azepine-1-carbothioate; molinate
-	Shellfish
85535-84-8	Short-chain chlorinated paraffins (SCCP)
-	Shrimp
102184-95-2	Silicic acid, zirconium salt, cadmium pigment-encapsulated
-	Silicone and its compound
-	Siloxane and its derivatives
-	Silver and its compounds
-	Simazine
16752-77-5	S-methyl-N-(methylcarbamoyloxy)thioacetimidate; methomyl
132-27-4	Sodium 1,1'-biphenyl-2-olate
68955-20-4	Sodium alkyl sulfate (alkyl C=16-18)
26628-22-8	Sodium azide
532-32-1	Sodium benzoate
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
9004-82-4	Sodium poly(oxyethylene) dodecyl ether sulfate
4016-24-4	Sodium salt of 2-sulfohexadecanoic acid 1-methyl ester
1344-00-9	Sodium silico-aluminate
-	Soybeans and products thereof
-	Specified benzotriazole
-	Specified bromine-based flame retardants
-	Specified organic tin compounds
-	Specific benzotriazole
-	Spelt wheat
-	Squid
91648-39-4	Stannane, dioctyl-, bis(coco acyloxy) derivs
85-86-9	Sudan (III)
-	Sulfonamide type plasticizers
7446-09-5	Sulfur dioxide
-	Tantalum and their derivatives
896-85-2	Tar acid
-	TCEP
100-21-0	Terephthalic acid
-	Terpenes
61788-32-7	Terphenyl, hydrogenated
134098-61-6	Tert-butyl 4-(((1,3-dimethyl-5-phenoxy-4-pyrazolyl)methylidene)aminoxy)methyl)benzoate; fenpyroximate
75-91-2	Tert-butyl hydroperoxide
1948-33-0	Tert-butylhydroquinone (TBHQ)
25103-58-6	Tert-dodecanethiol
12267-73-1	Tetraboron disodium heptaoxide
40088-47-9	Tetrabromo(phenoxybenzene) (Synonym: Tetrabromodiphenyl ether)
79-94-7	Tetrabromobisphenol A (TBBA, TBBPA)
558-13-4	Tetrabromomethane
-	Tetrachlorodifluoroethane; CFC-112
1897-45-6	Tetrachloroisophthalonitrile; chlorothalonil; TPN
56-23-5	Tetrachloromethane
629-59-4	Tetradecane
107-49-3	Tetraethyl pyrophosphate (TEPP)
97-77-8	Tetraethylthiuram disulfide; disulfiram
11070-44-3	Tetrahydromethylphthalic anhydride
97-74-5	Tetramethylthiuram monosulfide
62-55-5	Thioacetamide
111-17-1	Thiodipropionic acid
62-56-6	Thiourea
137-26-8	Thiuram
-	Tin and their derivatives
17927-72-9	Titanium acetylacetonate
13463-67-7	Titanium dioxide
108-88-3	Toluene
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

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

CAS no.	Substance
39765-80-5	Trans-nanochlor
75-25-2	Tribromomethane; bromoform
36483-57-5	Tribromoneopentyl alcohol
77-94-1	Tributyl citrate
102-82-9	Tributylamine
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
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
629-50-5	Tridecane
427-700-2	Triethyl Arsenate [427-700-2]
77-93-0	Triethyl citrate
121-44-8	Triethylamine
112-24-3	Triethylenetetramine
126-73-8	Tri-n-butyl phosphate
2587-76-0	Trioctyltin chloride
26412-88-4	Trioxochromium
115-86-6	Triphenyl phosphate
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)
13674-87-8	Tris(1,3-dichloro-2-propyl)phosphate (TDCPP)
13674-84-5	Tris(1-chloro-2-propyl)phosphate (TCPP)
115-96-8	Tris(2-chloroethyl) phosphate
78-42-2	Tris(2-ethylhexyl) phosphate
26523-78-4	Tris(nonylphenyl)phosphite (TNPP)
7601-54-9	Trisodium phosphate
-	Tri-substituted organostannic compounds
1330-78-5	Tritolyl phosphate
108-98-5	T-thiophenol
-	Tungsten and their derivatives
307-24-4, 21615-47-4	Undecafluorohexanoic acid and its ammonium salt
307-24-4 , 21615-47-4	Undecafluorohexanoic acid and its ammonium salt
1120-21-4	Undecane
57-13-6	Urea
51-79-6	Urethane
-	UV-curing component (Photo-initiator)
-	Vanadium compounds
108-05-4	Vinyl acetate
-	Walnut
-	Wheat
1332-08-7	Wolframite
1330-20-7	Xylene
7440-66-6	Zinc
137-30-4	Zinc bis(N,N-dimethyldithiocarbamate); ziram
72869-37-5	Zinc sulfide (ZnS), cobalt and copper-doped
12122-67-7	Zineb
137-30-4	Ziram
-	Zirconia Aluminosilicate, Refractory Ceramic Fibres
7699-43-6	Zirconium dichloride oxide
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	