



# Update lijst potentiële ZZS

## Augustus 2018

Op 2 februari 2018 is de eerste lijst met potentiële ZZS gepubliceerd. Deze lijst wordt samengesteld uit stoffen en stoffengroepen die zijn opgenomen op de PACT, CORAP en RoI lijsten<sup>1</sup> van ECHA (het Europees Agentschap voor Chemische Stoffen). De stoffen op de lijst met potentiële ZZS zijn onderhevig aan veranderingen. Dit komt omdat voor een aantal stoffen de zorg bij nader inzien niet kan worden onderbouwd, of omdat een aantal stoffen een geharmoniseerde classificatie zullen krijgen of als SVHC zullen worden geïdentificeerd (en dan dus als ZZS geïdentificeerd worden). Daarom is een regelmatige update van de lijst met potentiële ZZS noodzakelijk. De nieuwe lijst met potentiële ZZS is gebaseerd op data die geëxtraheerd is op 14 augustus 2018. Zie voor de procedure van het samenstellen van een lijst met potentiële ZZS het document "Procedure identificatie van potentiële zeer zorgwekkende stoffen"<sup>2</sup>.

In dit document zijn 3 tabellen te vinden. In Tabel 1 is de nieuwe lijst weergegeven, bestaande uit 323 potentiële ZZS stoffen/stofgroepen. In Tabel 2 zijn stoffen weergegeven die op de eerste versie van de lijst als potentiële ZZS werden gezien, maar nu niet meer op de lijst staan; en in Tabel 3 zijn alle nieuwe potentiële ZZS weergegeven.

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<sup>1</sup> PACT = Public Activities Coordination Tool; CORAP = Community rolling action plan; RoI = Registry of Intentions.

<sup>2</sup> <https://rvs.rivm.nl/sites/default/files/2018-09/Procedure-samenstellen-potentiele-ZZS-lijst.pdf>

**Tabel 1: Lijst met potentiële ZZS lijst bestaande uit 323 stoffen/stofgroepen, versie augustus 2018.**

<b>Stof naam (Engels)</b>	<b>EC-nummer</b>	<b>CAS-nummer</b>
(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one (4-Methylbenzylidenecamphor)	253-242-6	36861-47-9
(1-methylethyl)-1,1'-biphenyl	247-156-8	25640-78-2
[1,3(or 1,4)-phenylenebis(1-methylethylidene)]bis[tert-butyl] peroxide	246-678-3	25155-25-3
[3R-(3a,3aβ,7β,8aα)]-1-(2,3,4,7,8,8a-hexahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulen-5-yl)ethan-1-one	251-020-3	32388-55-9
[4-[α-[4-(dimethylamino)phenyl]benzylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium acetate	255-288-2	41272-40-6
1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one	-	-
1,1,1,3,5,5,5-heptamethyl-3-[(trimethylsilyl)oxy]trisiloxane	241-867-7	17928-28-8
1,1,1,3,5,5,5-heptamethyltrisiloxane	217-496-1	1873-88-7
1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonic acid (PFBS)	206-793-1	375-73-5
1,2,4-triazole	206-022-9	288-88-0
1,2,4-trinonyl benzene-1,2,4-tricarboxylate	941-303-6	-
1,2-Benzenedicarboxylic acid, benzyl C7-9-branched and linear alkyl esters	271-082-5	68515-40-2
1,2-benzenedicarboxylic acid, di-C10-12-branched alkyl esters	700-989-5	-
1,2-benzenedicarboxylic acid, di-C11-14-branched alkyl esters, C13-rich	271-089-3	68515-47-9
1,2-benzenedicarboxylic acid, di-C9-11-branched and linear alkyl esters	271-085-1	68515-43-5
1,2-dichloro-4-(trichloromethyl)benzene	235-869-7	13014-24-9
1,2-dichlorobenzene	202-425-9	95-50-1
1,3-dihydro-4(or 5)-methyl-2H-benzimidazole-2-thione	258-904-8	53988-10-6
1,3-dihydro-4(or 5)-methyl-2H-benzimidazole-2-thione, zinc salt	262-872-0	61617-00-3
1,3-diisopropylbenzene	202-773-1	99-62-7
1,3-diphenylguanidine	203-002-1	102-06-7
1,4-Benzenediamine, N,N'-mixed Ph and tolyl and xylyl derivs.	273-226-2	68953-83-3
1,4-Benzenediamine, N,N'-mixed Ph and tolyl derivs.	273-227-8	68953-84-4
1,4-Benzenediamine, N,N'-mixed tolyl and xylyl derivs.	270-820-3	68478-45-5
1,4-diisopropylbenzene	202-826-9	100-18-5
1,4-dioxane	204-661-8	123-91-1
1,6,7,8,9,14,15,16,17,17,18,18-dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene	236-948-9	13560-89-9
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one (3-Benzylidenecamphor)	239-139-9	15087-24-8

Stof naam (Engels)	EC-nummer	CAS-nummer
1-[(2,4-dinitrophenyl)azo]-2-naphthol	222-429-4	3468-63-1
1-[4-(1,1-dimethylethyl)phenyl]-3-(4-methoxyphenyl)propane-1,3-dione	274-581-6	70356-09-1
10-undecenyl 2-cyano-3,3-diphenylpropenoate	700-604-0	947701-81-7
1-chloro-2-(chlorodiphenylmethyl)benzene	255-647-3	42074-68-0
1-phenylethanol	202-707-1	98-85-1
2-(2-butoxyethoxy)ethyl 6-propylpiperonyl ether	200-076-7	51-03-6
2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol	221-573-5	3147-75-9
2-(2H-benzotriazol-2-yl)-4,6-bis(1-methyl-1-phenylethyl)phenol (UV-234)	274-570-6	70321-86-7
2-(2H-benzotriazol-2-yl)-4-methylphenol (UV-P)	219-470-5	2440-22-4
2-(2H-benzotriazol-2-yl)-6-dodecyl-4-phenol, branched and linear	-	125304-04-3
2-(2H-Benzotriazole-2-yl)-6-(1-methyl-1-phenylethyl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-928)	422-600-5	73936-91-1
2-(2'-Hydroxy -3' -tert-butyl-5'-methylphenyl)-5-chloro benzotriazole (UV-326)	223-445-4	3896-11-5
2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluorononanoic acid and its ammonium and sodium salt	-	-
2,2',4,4'-tetrahydroxybenzophenone	205-028-9	131-55-5
2,2',6,6'-Tetra-tert-butyl-4,4'- methylenediphenol	204-279-1	118-82-1
2,2'-dimethyl-4,4'-methylenebis(cyclohexylamine)	229-962-1	6864-37-5
2,2'-Iminodiethanol	203-868-0	111-42-2
2,2'-methylenediphenyl diisocyanate	219-799-4	2536-05-2
2,2'-methyliminodiethanol	203-312-7	105-59-9
2,3-epoxypropyl o-tolyl ether	218-645-3	2210-79-9
2,4,6-triallyloxy-1,3,5-triazine	202-936-7	101-37-1
2,4,6-tribromophenol	204-278-6	118-79-6
2,4,6-trichloro-1,3,5-triazine	203-614-9	108-77-0
2,4,6-trimethyl-2,4,6-tris(3,3,3-trifluoropropyl)cyclotrisiloxane	219-154-7	2374-14-3
2,4-dihydroxybenzophenone	205-029-4	131-56-6
2,4-di-tert-butylphenol	202-532-0	96-76-4
2,5,7,10,11,14-hexaoxa-1,6-distibabicyclo[4.4.4]tetradecane	249-820-2	29736-75-2
2,5-di-tert-pentylhydroquinone	201-222-2	79-74-3
2,6,10-Trimethyldodecane (Farnesane)	622-542-2	3891-98-3
2,6-dichloro-N-phenylaniline	239-349-0	15307-93-4
2-[4-[2-[4-(2-hydroxyethoxy)phenyl]propan-2-yl]phenoxy]ethanol	500-082-2	32492-61-8
2-[methyl[(nonafluorobutyl) sulphonyl]amino]ethyl acrylate	266-733-5	67584-55-8

<b>Stof naam (Engels)</b>	<b>EC-nummer</b>	<b>CAS-nummer</b>
2-ethyl-2-[[[(1-oxoallyl)oxy]methyl]-1,3-propanediyl diacrylate	239-701-3	15625-89-5
2-ethylhexyl salicylate	204-263-4	98-55-5; 118-60-5
2-ethylhexyl trans-4-methoxycinnamate	629-661-9	83834-59-7
2-furaldehyde	202-627-7	98-01-1
2-Hexyldecan-1-ol	219-370-1	2425-77-6
2-hydroxyethyl methacrylate	212-782-2	868-77-9
2-methyl-m-phenylene diisocyanate	202-039-0	91-08-7
2-methylpropan-2-ol	200-889-7	75-65-0
3-(4-tert-butylphenyl)propion aldehyde	242-016-2	18127-01-0
3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl acrylate	241-527-8	17527-29-6
3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl methacrylate	218-407-9	2144-53-8
3,3'-dimethylbiphenyl-4,4'-diyl diisocyanate	202-112-7	91-97-4
3,5,5-trimethylcyclohex-2-enone (Isophorone)	201-126-0	78-59-1
3,5,5-trimethylhexanoic acid	221-975-0	3302-10-1
3,5-dimethylpyrazole	200-657-5	67-51-6
3,6,9,12-tetraazatetradecamethylenediamine	223-775-9	4067-16-7
3,7,11,15-tetramethylhexadec-1-en-3-ol	208-008-8	505-32-8
3-aminopropyldimethylamine	203-680-9	109-55-7
3-ethoxy-1,1,1,2,3,4,4,5,5,6,6,6-dodecafluoro-2-(trifluoromethyl)-hexane	435-790-1	297730-93-9
3-isocyanatomethyl-3,5,5-trimethylcyclohexyl isocyanate homopolymer, isocyanurate type	931-312-3	-
3-methylbutan-1-ol	204-633-5	123-51-3
3-methylpyrazole	215-925-7	1453-58-3
3-trimethoxysilylpropyl methacrylate	219-785-8	2530-85-0
4,4'-(1,3-phenylene-bis(1-methylethylidene))bisphenol	428-970-4	13595-25-0
4,4'-(1-methylpropylidene)bisphenol	201-025-1	77-40-7
4,4'-methylene bis(dibutylidithiocarbamate)	233-593-1	10254-57-6
4,4'-methylenebis[N,N-bis(2,3-epoxypropyl)aniline]	249-204-3	28768-32-3
4,4'-methylenedi-2,6-xylenol	226-378-9	5384-21-4
4,4'-methylenediphenol	210-658-2	620-92-8
4,4'-methylenediphenyl diisocyanate	202-966-0	101-68-8
4,4'-methylenediphenyl diisocyanate, oligomeric reaction products with butane-1,3-diol, 2,4'-diisocyanato-diphenyl methane, 2,2'-oxydiethanol and propane-1,2-	500-415-1	158885-29-1

Stof naam (Engels)	EC-nummer	CAS-nummer
diol		
4,4'-propane-2,2-diylidiphenol, polymer with 2-methyloxirane	500-097-4	37353-75-6
4,4'-sulfonyldiphenol	201-250-5	80-09-1
4-chloro- <i>a,a,a</i> -trifluorotoluene	202-681-1	98-56-6
4-methylanisole	203-253-7	104-93-8
4-methyl- <i>m</i> -phenylene diisocyanate (TDI 2,4)	209-544-5	584-84-9
4-Nitrosomorpholine	627-564-6	59-89-2
4-tert-butylphenol	202-679-0	98-54-4
4-tert-butylpyrocatechol	202-653-9	98-29-3
6'-(dibutylamino)-3'-methyl-2'-(phenylamino)spiro[isobenzofuran-1(3H),9-(9H)-xanthen]-3-one	403-830-5	89331-94-2
6,6'-di-tert-butyl-2,2'-methylenedi- <i>p</i> -cresol	204-327-1	119-47-1
6,6'-di-tert-butyl-4,4'-butylidenedi- <i>m</i> -cresol	201-618-5	85-60-9
6,6'-di-tert-butyl-4,4'-thiodi- <i>m</i> -cresol	202-525-2	96-69-5
6-tert-butyl-2,4-xylenol	217-533-1	1879-09-0
7-oxa-3-oxiranylbicyclo[4.1.0]heptane	203-437-7	106-87-6
7-oxabicyclo[4.1.0]hept-3-ylmethyl 7-oxabicyclo [4.1.0]heptane-3-carboxylate	219-207-4	2386-87-0
A mixture of branched and linear C7-C9 alkyl 3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]propionates	407-000-3	127519-17-9
A mixture of: 4-(2,2,3-trimethylcyclopent-3-en-1-yl)-1-methyl-2-oxabicyclo[2.2.2]octane; 1-(2,2,3-trimethylcyclopent-3-en-1-yl)-5-methyl-6-oxabicyclo[3.2.1]octane; spiro[cyclohex-3-en-1-yl-[(4,5,6,6a-tetrahydro-3,6',6',6'a-tetramethyl)-1,3'(3'aH)-[2H]cyclopenta[b]furan]; spiro[cyclohex-3-en-1-yl-[4,5,6,6a-tetrahydro-4,6',6',6'a-tetramethyl)-1,3'(3'aH)-[2H]cyclopenta[b]furan]	422-040-1	426218-78-2
A mixture of: N,N'-ethane-1,2-diylbis(decanamide); 12-hydroxy-N-[2-[1-oxydecyl)amino]ethyl]octadecanamide; N,N'-ethane-1,2-diylbis(12-hydroxyoctadecanamide)	430-050-2	-
A mixture of: O,O-di(1-methylethyl)trithio-bis-thioformate,O,O-di(1-methylethyl)tetrathio-bis-thioformate,O,O-di(1-methylethyl)pentathio-bis-thioformate	403-030-6	137398-54-0
A mixture of: propan-2-one-O,O'(methoxyvinylsilyl)oxime; propan-2-one-O-(dimethoxyvinylsilyl)oxime; propan-2-one-O,O',O''-(vinylsilyl)trioxime	458-680-3	797751-44-1
A mixture of: triphenylthiophosphate and tertiary butylated phenyl derivatives	421-820-9	192268-65-8
A mixture of: <i>a</i> -3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-	400-830-7	-

Stof naam (Engels)	EC-nummer	CAS-nummer
hydroxyphenyl)propionyl- $\omega$ -hydroxypoly(oxyethylene); $\alpha$ -3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl- $\omega$ -3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl...		
A mixture of: $\alpha$ -3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl- $\omega$ -hydroxypoly(oxyethylene); $\alpha$ -3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl- $\omega$ -3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl...	287-401-7	
Acetaldehyde	200-836-8	75-07-0
Acetic acid, oxo-, sodium salt, reaction products with ethylenediamine and phenol, iron sodium salts	283-044-5	84539-55-9
Acetone oxime	204-820-1	127-06-0
Acrylic acid, monoester with propane-1,2-diol	247-118-0	25584-83-2
Alkanes, C14-17, chloro	287-477-0	85535-85-9
Alkanes, C16-(branched), C20-(branched) and C24-(branched)	700-992-1	-
Alkyl Dimethyl Betaine	931-700-2	-
Alloys Cobalt-tungsten carbide hard metals	-	-
Aluminium chloride	231-208-1	7446-70-0
Aluminium chloride basic	215-477-2	1327-41-9
Aluminium sulphate	233-135-0	10043-01-3
Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides	931-292-6	308062-28-4
Ammonium 2,2,3 trifluor-3-(1,1,2,2,3,3-hexafluoro-3-trifluormethoxypropoxy), propionate	480-310-4	-
Ammonium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate	700-242-3	62037-80-3
Ammonium bromide	235-183-8	12124-97-9
Ammonium difluoro[1,1,2,2-tetrafluoro-2-(pentafluoroethoxy)ethoxy]acetate	700-323-3	908020-52-0
Ammonium perchlorate	232-235-1	7790-98-9
Ammonium salts of mono- and bis[3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl and/or poly (substituted alkene)] phosphate	700-403-8	-
Amphoteric Fluorinated Surfactant	-	-
Barium bis[2-chloro-5-[(2-hydroxy-1-naphthyl)azo]toluene-4-sulphonate]	225-935-3	5160-02-1
Benzaldehyde	202-860-4	100-52-7
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	270-128-1	68411-46-1
Benzenamine, reaction products with aniline hydrochloride and nitrobenzene	309-912-6	101357-15-7
Benzene, C10-13-alkyl derivs	267-051-0	67774-74-7
Benzene, mono-C10-13-alkyl derivs., distn. residues	284-660-7	84961-70-6

<b>Stof naam (Engels)</b>	<b>EC-nummer</b>	<b>CAS-nummer</b>
Benzene, mono-C11-C13-branched alkyl derivatives	810-801-4	-
Benzotriazole	202-394-1	95-14-7
Benzyl alcohol	202-859-9	100-51-6
Benzyl salicylate	204-262-9	118-58-1
Benzyltoluene	248-654-8	27776-01-8
Biphenyl	202-163-5	92-52-4
Bis(2-ethylhexyl) 4,4'-{6-[4-tert-butylcarbamoyl]anilino]-1,3,5-triazine-2,4-diyldiimino}dibenzoate	421-450-8	154702-15-5
Bis(2-ethylhexyl) adipate	203-090-1	103-23-1
Bis(2-propylheptyl) phthalate	258-469-4	53306-54-0
Bis(4-chlorophenyl) sulphone	201-247-9	80-07-9
Bis(dibutyldithiocarbamato-S,S')copper	237-695-7	13927-71-4
Bis(isopropyl)naphthalene	254-052-6	38640-62-9
Bis(nonafluorobutyl)phosphinic acid	700-183-3	52299-25-9
Bis(nonylphenyl)amine	253-249-4	36878-20-3
Bis(pentane-2,4-dionato)calcium	243-001-3	19372-44-2
Bis( $\alpha,\alpha$ -dimethylbenzyl) peroxide	201-279-3	80-43-3
Butan-2-one O,O',O''-(methylsilylidyne)trioxime	245-366-4	22984-54-9
Butan-2-one O,O',O''-(vinylsilylidyne)trioxime	218-747-8	2224-33-1
Butanedione	207-069-8	431-03-8
Butanone	201-159-0	78-93-3
Butanone oxime	202-496-6	96-29-7
Butyl acrylate	205-480-7	141-32-2
Carbon black	215-609-9	1333-86-4
Carbon disulphide	200-843-6	75-15-0
Cerium dioxide	215-150-4	1306-38-3
Chlorpyrifos	220-864-4	2921-88-2
Climbazole	253-775-4	38083-17-9
Cyclohexanone	203-631-1	108-94-1
Decahydronaphthalene	202-046-9	91-17-8
Decamethyltetrasiloxane	205-491-7	141-62-8
Diallyl phthalate	205-016-3	131-17-9
Diethyl ether	200-467-2	60-29-7
Diethylmethylbenzenediamine	270-877-4	68479-98-1

<b>Stof naam (Engels)</b>	<b>EC-nummer</b>	<b>CAS-nummer</b>
Diiron tris(sulphate)	233-072-9	10028-22-5
Diisodecyl azelate	249-044-4	28472-97-1
Diisohexyl phthalate	276-090-2	71850-09-4
Diisopropylbenzene	246-835-6	25321-09-9
Dimethyl phosphonate	212-783-8	868-85-9
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	278-355-8	75980-60-8
Disodium 2,2'-([1,1'-biphenyl]-4,4'-diyldivinylene)bis(benzenesulphonate)	248-421-0	27344-41-8
Disodium 4,4'-bis[(4,6-dianilino-1,3,5-triazin-2-yl)amino]stilbene-2,2'-disulphonate	205-117-2	133-66-4
Disodium peroxodisulphate	231-892-1	7775-27-1
Di-tert-butyl 3,3,5-trimethylcyclohexylidene diperoxide	229-782-3	6731-36-8
Di-tert-butyl peroxide	203-733-6	110-05-4
Di-tert-pentyl peroxide	234-042-8	10508-09-5
Ditolyl ether	248-948-6	28299-41-4
Diundecyl phthalate, branched and linear	287-401-6	85507-79-5
Divanadium pentaoxide	215-239-8	1314-62-1
Dodecamethylpentasiloxane	205-492-2	141-63-9
EDDHMAFEK	405-420-1	-
Ethanol, 2,2'-iminobis-, N-(C13-15-branched and linear alkyl) derivs.	308-208-6	97925-95-6
Ethyl 3,5-dichloro-4-hexadecyloxy-carbonyloxybenzoate	404-740-9	115895-09-5
Ethyl 4-hydroxybenzoate	204-399-4	120-47-8
Ethyl methacrylate	202-597-5	97-63-2
Ethylene carbonate	202-510-0	96-49-1
Ethylene dinitrate	211-063-0	628-96-6
Exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl acrylate	227-561-6	5888-33-5
Fatty acids, c18-unsatd., dimers, 2-ethylhexyl esters, diethylhexyl dimerate	500-204-4	68334-05-4
Fatty acids, tall-oil, reaction products with 2-[(2-aminoethyl)amino]ethanol	272-902-4	68919-76-6
Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol	500-006-8	9003-36-5
Furfuryl alcohol	202-626-1	98-00-0
Glutaraldehyde (1,5-pentanedial)	203-856-5	111-30-8
Graphite, and Multi-Wall Carbon Nanotubes (MWCNT), synthetic graphite in tubular shape, Multi-Wall Carbon Nanotubes (MWCNT), synthetic graphite in tubular shape	-	-
HAT-ISO	416-600-4	77703-56-1
Hexadec-1-ene	211-105-8	629-73-2



<b>Stof naam (Engels)</b>	<b>EC-nummer</b>	<b>CAS-nummer</b>
Hexafluoropropene	204-127-4	116-15-4
Hexamethyldisiloxane	203-492-7	107-46-0
Hexamethylene diacrylate (hexane-1,6-diol diacrylate)	235-921-9	13048-33-4
Hexyl salicylate	228-408-6	6259-76-3
Homosalate	204-260-8	118-56-9
Hydrogenated rosin alcohols	701-057-0	-
Imidazolium compounds, 2-C17-unsatd.-alkyl-1-(2-C18-unsatd. amidoethyl)-4,5-dihydro-N-methyl, Me sulfates	931-745-8	-
Indium tin oxide	610-589-1	50926-11-9
Iso(C10-C14)alkyl (3,5-di-tert-butyl-4-hydroxyphenyl)methylthioacetate	404-800-4	118832-72-7
Isopentyl p-methoxycinnamate	275-702-5	71617-10-2
Isopropyl naphthalene	249-535-3	29253-36-9
M-bis(2,3-epoxypropoxy)benzene	202-987-5	101-90-6
Melamine	203-615-4	108-78-1
Methacrylic acid, monoester with propane-1,2-diol	248-666-3	27813-02-1
Methyl 4-hydroxybenzoate	202-785-7	99-76-3
Methyl methacrylate	201-297-1	80-62-6
Methyl vinyl ether	203-475-4	107-25-5
Methylenediphenyl diisocyanate (MDI), mixed isomers	247-714-0	26447-40-5
Mixture of two components: 1. N-(1,3-dimethylbutyl)-N'-phenyl-p-phenylenediamine 2. N1-(1,3-dimethylbutyl)-N4-(4-(1-methyl-1-phenylethyl)phenyl)benzene-1,4-diamine	448-020-2	-
Molybdenum trioxide	215-204-7	1313-27-5
Mono- and/or di- and/or tri(1-phenylethyl)-m-cresol and p-cresol	700-427-9	-
M-phenylenediamine	203-584-7	108-45-2
M-xylene	203-576-3	108-38-3
N-(1,4-dimethylpentyl)-N'-phenylbenzene-1,4-diamine	221-374-3	3081-01-4
N-(2-ethylhexyl)naphthalen-2-amine	260-126-9	56358-17-9
N,N-dicyclohexylbenzothiazole-2-sulphenamide	225-625-8	4979-32-2
N,N-diethylhydroxylamine	223-055-4	3710-84-7
N,N'-dithiodi-o-phenylenedibenzamide	205-201-9	135-57-9
N-[2-(piperazin-1-yl)ethyl]C18-insaturated-alkylamide	629-767-5	1228186-18-2
N-1-naphthylaniline	201-983-0	90-30-2
N-carboxymethyliminobis(ethylenenitrilo)tetra(acetic acid)	200-652-8	67-43-6

<b>Stof naam (Engels)</b>	<b>EC-nummer</b>	<b>CAS-nummer</b>
O-(p-isocyanatobenzyl)phenyl isocyanate	227-534-9	5873-54-1
O,O,O-triphenyl phosphorothioate	209-909-9	597-82-0
Octabenzene	217-421-2	1843-05-6
Octamethyltrisiloxane	203-497-4	107-51-7
Octene, hydroformylation products, low-boiling	273-110-1	68938-03-4
Octocrilene	228-250-8	6197-30-4
Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	700-960-7	-
Orthoboric acid, compound with 2-aminoethanol	247-421-8	26038-87-9
Oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	271-846-8	68609-97-2
Oxybenzone	205-031-5	131-57-7
Oxydiethylene dibenzoate	204-407-6	120-55-8
Oxydiethylene dinitrate	211-745-8	693-21-0
Oxydipropyl dibenzoate	248-258-5	27138-31-4
O-xylene	202-422-2	95-47-6
P-(2,3-epoxypropoxy)-N,N-bis(2,3-epoxypropyl)aniline	225-716-2	5026-74-4
Penta-1,3-diene	207-995-2	504-60-9
Pentaboron sodium octaoxide	234-522-7	12007-92-0
Perchloric acid and its salts	231-512-4	7601-90-3
Perfluamine	206-420-2	338-83-0
Perfluorobutane sulfonic acid (PFBS), its salts and related substances	-	-
Perfluorobutanoic acid and its salts and precursors	-	-
Perfluorohexane-1-sulphonic acid [1] and its salts, e.g. ammonium perfluorohexane-1-sulphonate [2], potassium perfluorohexane-1-sulphonate [3]	206-587-1; 269-511-6; 223-393-2	355-46-4; 68259-08-5; 3871-99-6
Perfluorooctyl silanes	-	-
Persulfate ammonium	231-786-5	7727-54-0
Persulfate potassium	231-781-8	7727-21-1
Phenol, 4-methyl-, reaction products with dicyclopentadiene and isobutylene	271-867-2	68610-51-5
Phenol, styrenated	262-975-0	61788-44-1
Phosphorodithioic acid, mixed O,O-bis(1,3-dimethylbutyl and iso-Pr) esters, zinc salts	283-392-8	84605-29-8
Polyfluoro-5,8,11,14-tetrakis(polyfluoralkyl)-polyoxaalkane	-	-
Potassium 2-({2-[(carboxymethyl)[(2-hydroxyphenyl)methyl]amino]ethyl}[(2-hydroxyphenyl)methyl]amino)acetic acid iron potassium chloride	938-828-8	-

<b>Stof naam (Engels)</b>	<b>EC-nummer</b>	<b>CAS-nummer</b>
Potassium titanium oxide (K <sub>2</sub> Ti <sub>6</sub> O <sub>13</sub> )	432-240-0	12056-51-8
P-phenylenediamine	203-404-7	106-50-3
Propargite	219-006-1	2312-35-8
Propyl 4-hydroxybenzoate	202-307-7	94-13-3
Propyl acetate	203-686-1	109-60-4
Reaction mass of (2S,5R)-2-tert-butyl-5-methyl-2-propyl-2,5-dihydrofuran and (2S,5S)-2-tert-butyl-5-methyl-2-propyl-2,5-dihydrofuran	700-103-7	-
Reaction mass of 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one and 1-(1,2,3,4,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one and 1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	915-730-3	-
Reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine	473-390-7	-
Reaction mass of 2,4,6-tris(1-phenyl-ethyl)phenol and Bis(1-phenylethyl) phenol	915-333-5	-
Reaction mass of 2,6-di-tert-butylphenol and 2,4,6-tri-tert-butylphenol	907-745-9	-
Reaction mass of 2-methylpentane and Hexanol, branched and linear and diisopropyl ether	906-390-7	-
Reaction mass of 4,4'-methylenediphenyl diisocyanate and o-(p-isocyanatobenzyl)phenyl isocyanate / methylene diphenyl diisocyanate	905-806-4	-
Reaction mass of disodium 2-(hexadecylthio)-1-(4-sulfonatobutyl)-1H-benzimidazole-5-sulfonate and disodium 2-(hexadecylthio)-1-(4-sulfonatobutyl)-1H-benzimidazole-6-sulfonate	452-830-1	-
Reaction mass of ethylbenzene and m-xylene and p-xylene	905-562-9	-
Reaction mass of ethylbenzene and xylene	905-588-0	-
Reaction mass of mixed (3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl) Phosphates, ammonium salt	700-161-3	-
Reaction mass of tris(2-chloropropyl) phosphate and tris(2-chloro-1-methylethyl) phosphate and Phosphoric acid, bis(2-chloro-1-methylethyl) 2-chloropropyl ester and Phosphoric acid, 2-chloro-1-methylethyl bis(2-chloropropyl) ester	911-815-4	-
Reaction product of ammonium molybdate and C12-C24-diethoxylated alkylamine (1:5-1:3)	412-780-3	-
Reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight ≤ 700)	500-033-5	25068-38-6
Reaction products of 1,1'-methylenebis(4-isocyanatobenzene) in excess and 1-isocyanato-2-(4-isocyanatobenzyl)benzene in excess with 2,2'-[(methylethylene)bis(oxy)]di(methylethanol), butane-1,3-diol and propane-1,2-diol	701-029-8	-

<b>Stof naam (Engels)</b>	<b>EC-nummer</b>	<b>CAS-nummer</b>
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)	-	-
Reaction products of acetic anhydride and 1,5,10-trimethyl- 1,5,9-cyclodecatriene	482-330-9	144020-22-4
Resin acids and Rosin acids, hydrogenated, esters with glycerol	266-042-9	65997-13-9
Resin acids and Rosin acids, hydrogenated, esters with pentaerythritol	264-848-5	64365-17-9
Resorcinol	203-585-2	108-46-3
S-(tricyclo(5.2.1.0'2,6)deca-3-en-8(or 9)-yl O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate	401-850-9	255881-94-8
Sepisol Fast Blue 85219	700-579-6	-
Shale Oil Bitumen	447-780-2	-
Sodium 3-nitrobenzene sulphonate	204-857-3	127-68-4
Sodium dithionite	231-890-0	7775-14-6
Sodium hydroxymethanesulphinate	205-739-4	149-44-0
Sodium perchlorate	231-511-9	7601-89-0
Terpineol	232-268-1	8000-41-7
Tert-butyl methyl ether	216-653-1	1634-04-4
Tert-butyl perbenzoate	210-382-2	614-45-9
Tetraphenyl m-phenylene bis(phosphate)	260-830-6	57583-54-7
Tetrapropylenebenzene	246-772-4	25265-78-5
Theophylline	200-385-7	58-55-9
Tin sulphate	231-302-2	7488-55-3
Tributyl citrate	201-071-2	77-94-1
Triclocarban	202-924-1	101-20-2
Triclosan	222-182-2	3380-34-5
Trimethoxy(methyl)silane	214-685-0	1185-55-3
Trimethoxyvinylsilane	220-449-8	2768-02-7
Trimethyloctadecylammonium chloride	203-929-1	112-03-8
Triphenyl phosphate	204-112-2	115-86-6
Triphenyl phosphite	202-908-4	101-02-0
Tris(2-chloro-1-methylethyl) phosphate	237-158-7	13674-84-5
Tris(2-ethylhexyl)-benzene-1,2,4-tricarboxylate	222-020-0	3319-31-1
Tris(methylphenyl) phosphate	809-930-9	-
Tris[2-chloro-1-(chloromethyl)ethyl] phosphate	237-159-2	13674-87-8
Undecafluorohexanoic acid	206-196-6	307-24-4

<b>Stof naam (Engels)</b>	<b>EC-nummer</b>	<b>CAS-nummer</b>
UVCB-Diamines	-	-
Vinyl acetate	203-545-4	108-05-4
W-663	442-200-4	-
Wässerige loesung des MV31-Kaliumsalz	444-340-1	-
Zinc bis[O,O-bis(2-ethylhexyl)] bis(dithiophosphate)	224-235-5	4259-15-8
Ziram	205-288-3	137-30-4

**Tabel 2: Stoffen/stofgroepen die op de eerste versie van de lijst met potentiële ZZS stonden, maar na de update (augustus 2018) niet meer als potentiële ZZS worden gezien. Voor een aantal van deze stoffen is geconcludeerd dat ze toch niet aan de ZZS criteria voldoen op basis van huidige inzichten. Een aantal stoffen zijn nu als ZZS bestempeld.**

Stof naam (Engels)	EC-nummer	CAS-nummer	Reden
(1-methyl-1,2-ethanediyl)bis[oxy(methyl-2,1-ethanediyl)] diacrylate	256-032-2	42978-66-5	Conclusie getrokken, geen zorgen mbt ZZS criteria
2,5-di-tert-butylhydroquinone (DTBHQ)	201-841-8	88-58-4	Conclusie getrokken, geen zorgen mbt ZZS criteria
2-ethylhexanoic acid	205-743-6	149-57-5	Conclusie getrokken, geen zorgen mbt ZZS criteria
2-ethylhexyl acrylate	203-080-7	103-11-7	Conclusie getrokken, geen zorgen mbt ZZS criteria
4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene]diphenol	216-036-7	1478-61-1	Stof staat op de ZZS lijst of heeft een zelf-classificatie CMR categorie 1A/B
4,4'-methylenediphenyl diisocyanate, oligomeric reaction products with butane-1,3-diol, 2,4'-diisocyanatodiphenyl methane, [(methylethylene)bis(oxy)]dipropanol and propane-1,2-diol	500-312-1	123714-19-2	Conclusie getrokken, geen zorgen mbt ZZS criteria
4-methylpentan-2-one	203-550-1	108-10-1	Conclusie getrokken, geen zorgen mbt ZZS criteria
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual isomers of [1] and [2] or any combination thereof]	-	-	Stof staat op de ZZS lijst of heeft een zelf-classificatie CMR categorie 1A/B
Alcohols, C7-9-iso-, C8-rich	271-231-4	68526-83-0	Conclusie getrokken, geen zorgen mbt ZZS criteria
Amides, C18-unsatd., N-[3-(dimethylamine)propyl]	800-353-8	1379524-06-7	Conclusie getrokken, geen zorgen mbt ZZS criteria
Antimony	231-146-5	7440-36-0	Stof staat op de ZZS lijst of heeft een zelf-classificatie CMR categorie 1A/B
Benzene-1,2,4-tricarboxylic acid 1,2-anhydride	209-008-0	552-30-7	Stof staat op de ZZS lijst of heeft een zelf-classificatie CMR categorie 1A/B
Benzophenone	204-337-6	119-61-9	Conclusie getrokken, geen zorgen mbt ZZS criteria

<b>Stof naam (Engels)</b>	<b>EC-nummer</b>	<b>CAS-nummer</b>	<b>Reden</b>
Butan-1-ol	200-751-6	71-36-3	Conclusie getrokken, geen zorgen mbt ZS criteria
Chloromethane	200-817-4	74-87-3	Conclusie getrokken, geen zorgen mbt ZS criteria
Cyclohexylamine	203-629-0	108-91-8	Conclusie getrokken, geen zorgen mbt ZS criteria
Dapsone	201-248-4	80-08-0	Conclusie getrokken, geen zorgen mbt ZS criteria
Decamethylcyclopentasiloxane	208-764-9	541-02-6	Stof staat op de ZS lijst of heeft een zelf-classificatie CMR categorie 1A/B
Decanoic acid, nonadecafluoro- and its salts	-	-	Stof staat op de ZS lijst of heeft een zelf-classificatie CMR categorie 1A/B
Diisotridecyl adipate	247-660-8	26401-35-4	Conclusie getrokken, geen zorgen mbt ZS criteria
Dimantine	204-694-8	124-28-7	Conclusie getrokken, geen zorgen mbt ZS criteria
Dinitrogen tetraoxide	234-126-4	10544-72-6	Stof staat op de ZS lijst of heeft een zelf-classificatie CMR categorie 1A/B
Dodecamethylcyclohexasiloxane	208-762-8	540-97-6	Stof staat op de ZS lijst of heeft een zelf-classificatie CMR categorie 1A/B
Formic acid	200-579-1	64-18-6	Conclusie getrokken, geen zorgen mbt ZS criteria
Manganese sulphate	232-089-9	7785-87-7	Conclusie getrokken, geen zorgen mbt ZS criteria
N,N'-bis(1,4-dimethylpentyl)-p-phenylenediamine	221-375-9	3081-14-9	Conclusie getrokken, geen zorgen mbt ZS criteria
N-butylbenzenesulphonamide	222-823-6	3622-84-2	Conclusie getrokken, geen zorgen mbt ZS criteria
N-hexane	203-777-6	110-54-3	Conclusie getrokken, geen zorgen mbt ZS criteria
Octamethylcyclotetrasiloxane	209-136-7	556-67-2	Stof staat op de ZS lijst of heeft een zelf-classificatie CMR categorie 1A/B
Pentan-1-ol	200-752-1	71-41-0	Conclusie getrokken, geen zorgen mbt ZS criteria
Polyhaloalkene	468-710-7	754-12-1	Conclusie getrokken, geen zorgen mbt ZS criteria

Stof naam (Engels)	EC-nummer	CAS-nummer	Reden
Reaction mass of (1S,1'R)-2-[1-(3',3'-dimethyl-1'-cyclohexyl)ethoxy]-2-methylpropyl propanoate, (1R,1'R)-2-[1-(3',3'-dimethyl-1'-cyclohexyl)ethoxy]-2-methylpropyl propanoate and 2-methyl-2-{[(1R*,2R*)-2,6,6-trimethylcycloheptyl]oxy}propyl propanoate, and 2-(1-(3',3'-dimethyl-1'-cyclohexyl)ethoxy)-2-methyl propyl propanoate	604-250-7; 415-490-5	141773-73-1	Conclusie getrokken, geen zorgen mbt ZS criteria
Terphenyl, hydrogenated	262-967-7	61788-32-7	Stof staat op de ZS lijst of heeft een zelf-classificatie CMR categorie 1A/B
Tetradecahydro-7-isopropyl-1,4a-dimethylphenanthren-1-methanol	236-476-3	13393-93-6	Conclusie getrokken, geen zorgen mbt ZS criteria
Tetrahydrofuran	203-726-8	109-99-9	Conclusie getrokken, geen zorgen mbt ZS criteria



**Tabel 3: Stoffen/stofgroepen die niet op de eerste versie van de lijst met potentiële ZZS stonden, maar na de update (augustus 2018) nu ook als potentiële ZZS worden gezien.**

<b>Stof naam (Engels)</b>	<b>EC-nummer</b>	<b>CAS-nummer</b>
1,4-dioxane	204-661-8	123-91-1
2,5,7,10,11,14-hexaoxa-1,6-distibabicyclo[4.4.4]tetradecane	249-820-2	29736-75-2
2-ethylhexyl salicylate	204-263-4	98-55-5; 118-60-5
3-ethoxy-1,1,1,2,3,4,4,5,5,6,6,6-dodecafluoro-2-(trifluoromethyl)-hexane	435-790-1	297730-93-9
4,4'-methylene bis(dibutyldithiocarbamate)	233-593-1	10254-57-6
4-chloro- $\alpha,\alpha,\alpha$ -trifluorotoluene	202-681-1	98-56-6
A mixture of branched and linear C7-C9 alkyl 3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]propionates	407-000-3	127519-17-9
A mixture of: $\alpha$ -3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl- $\omega$ -hydroxypoly(oxyethylene); $\alpha$ -3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl- $\omega$ -3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl...	400-830-7	-
A mixture of: $\alpha$ -3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl- $\omega$ -hydroxypoly(oxyethylene); $\alpha$ -3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl- $\omega$ -3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl...	287-401-7	-
Acetaldehyde	200-836-8	75-07-0
Acetic acid, oxo-, sodium salt, reaction products with ethylenediamine and phenol, iron sodium salts	283-044-5	84539-55-9
Amphoteric Fluorinated Surfactant	-	-
Benzene, mono-C11-C13-branched alkyl derivatives	810-801-4	-
Benzyl salicylate	204-262-9	118-58-1
Butan-2-one O,O',O''-(methylsilylidyne)trioxime	245-366-4	22984-54-9
Butan-2-one O,O',O''-(vinylsilylidyne)trioxime	218-747-8	2224-33-1
Butanedione	207-069-8	431-03-8
Diisohexyl phthalate	276-090-2	71850-09-4
Divanadium pentaoxide	215-239-8	1314-62-1
EDDHMAFEK	405-420-1	-
Ethanol, 2,2'-iminobis-, N-(C13-15-branched and linear alkyl) derivs.	308-208-6	97925-95-6
Exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl acrylate	227-561-6	5888-33-5

<b>Stof naam (Engels)</b>	<b>EC-nummer</b>	<b>CAS-nummer</b>
Hydrogenated rosin alcohols	701-057-0	-
M-bis(2,3-epoxypropoxy)benzene	202-987-5	101-90-6
N,N-diethylhydroxylamine	223-055-4	3710-84-7
Perfluorobutane sulfonic acid (PFBS), its salts and related substances	-	-
Perfluorobutanoic acid and its salts and precursors	-	-
Potassium 2-({2-[(carboxymethyl)[(2-hydroxyphenyl)methyl]amino]ethyl}[(2-hydroxyphenyl)methyl]amino)acetic acid iron potassium chloride	938-828-8	-
Reaction products of 1,1'-methylenebis(4-isocyanatobenzene) in excess and 1-isocyanato-2-(4-isocyanatobenzyl)benzene in excess with 2,2'-[(methylethylene)bis(oxy)]di(methylethanol), butane-1,3-diol and propane-1,2-diol	701-029-8	-
Theophylline	200-385-7	58-55-9
Trimethyloctadecylammonium chloride	203-929-1	112-03-8