
DyStar Colours Distribution GmbH, D-65479 Raunheim

To whom it may concern

Your ref / Your message	Our ref / Our message	Phone	Köln
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DyStar Information

Updated ECHA Candidate List of Substances of Very High Concern (SVHC)

On October 28th, 2008, the ECHA published the first time a „Candidate List of Substances of Very High Concern for authorisation” under REACH. This candidate list has been updated several times since then and on 15th of January 2018 the latest revision has been published.

This is to confirm that current DyStar GmbH textile products do not use any of the 181 chemical substance groups that are listed in the “Candidate List of Substances for Consultation” revised by the ECHA on January 15th, 2018 (see overleaf) in the recipe of product formulation. Please be assured that any intentional compound under suspicion for a severe contamination with any of the candidates will directly be included into our monitoring program to guarantee an uncritical level with respect to the legal obligations as listed on the ECHA web page for substances in articles and for substances in mixtures. Usage of the DyStar GmbH sales products therefore does not result in any of these legal obligations. Kindly note, that one entry was marked by us with an asterix and a footnote.

Further details on previous and current proposals as well as on the candidates list can be found on the ECHA web-page under the *Addressing Chemicals of Concern* section.

With best regards
DyStar Colours Distribution GmbH



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Technology /
Global Product Safety & Ecology



Dr. Christine Lorkowski
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Candidate List of Substances of Very High Concern for Authorisation

Substance name	CAS number	EC number	Included
Anthracene	120-12-7	204-371-1	28.10.2008
4,4'- Diaminodiphenylmethane (MDA)	101-77-9	202-974-4	28.10.2008
Dibutyl phthalate (DBP)	84-74-2	201-557-4	28.10.2008
Diarsenic pentaoxide	1303-28-2	215-116-9	28.10.2008
Diarsenic trioxide	1327-53-3	215-481-4	28.10.2008
Sodium dichromate (dihydrate)	10588-01-9 (7789-12-0)	234-190-3	28.10.2008
5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	201-329-4	28.10.2008
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified	25637-99-4; 3194-55-6 (134237-50-6; 134237-51-7; 134237-52-8)	247-148-4; 221-695-9	28.10.2008
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	287-476-5	28.10.2008
Bis(tributyltin)oxide (TBTO)	56-35-9	200-268-0	28.10.2008
Lead hydrogen arsenate	7784-40-9	232-064-2	28.10.2008
Benzyl butyl phthalate (BBP)	85-68-7	201-622-7	28.10.2008
Triethyl arsenate	15606-95-8	427-700-2	28.10.2008
Anthracene oil	90640-80-5	292-602-7	13.01.2010
Anthracene oil, anthracene paste, distn. lights	91995-17-4	295-278-5	13.01.2010
Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9	13.01.2010
Anthracene oil, anthracene-low	90640-82-7	292-604-8	13.01.2010
Anthracene oil, anthracene paste	90640-81-6	292-603-2	13.01.2010
Coal tar pitch, high temperature	65996-93-2	266-028-2	13.01.2010
2,4-Dinitrotoluene	121-14-2	204-450-0	13.01.2010
Diisobutyl phthalate	84-69-5	201-553-2	13.01.2010
Lead chromate	7758-97-6	231-846-0	13.01.2010
Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	235-759-9	13.01.2010
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	215-693-7	13.01.2010
Tris(2-chloroethyl)phosphate	115-96-8	204-118-5	13.01.2010
Acrylamide	79-06-1	201-173-7	30.03.2010
Ammonium dichromate	7789-09-5	232-143-1	18.06.2010
Boric acid	10043-35-3; 11113-50-1	233-139-2; 234-343-4	18.06.2010
Disodium tetraborate, anhydrous	1330-43-4	215-540-4	18.06.2010
Potassium chromate	7789-00-6	232-140-5	18.06.2010
Potassium dichromate (*1)	7778-50-9	231-906-6	18.06.2010
Sodium chromate	7775-11-3	231-889-5	18.06.2010
Tetraboron disodium heptaoxide, hydrate	12267-73-1	235-541-3	18.06.2010
Trichloroethylene	79-01-6	201-167-4	18.06.2010
Cobalt(II) sulphate	10124-43-3	233-334-2	15.12.2010
Cobalt(II) dinitrate	10141-05-6	233-402-1	15.12.2010
Cobalt(II) carbonate	513-79-1	208-169-4	15.12.2010
Cobalt(II) diacetate	71-48-7	200-755-8	15.12.2010
2-Methoxyethanol	109-86-4	203-713-7	15.12.2010
2-Ethoxyethanol	110-80-5	203-804-1	15.12.2010
Chromium trioxide	1333-82-0	215-607-8	15.12.2010

Substance name	CAS number	EC number	Included
Acids generated from chromium trioxide and their oligomers. Group containing: Chromic acid, Oligomers of chromic acid and dichromic acid, Dichromic acid	7738-94-5 - 13530-68-2	231-801-5 - 236-881-5	15.12.2010
Cobalt dichloride	7646-79-9	231-589-4	20.06.2011
2-Ethoxyethyl acetate	111-15-9	203-839-2	20.06.2011
Strontium chromate	7789-06-2	232-142-6	20.06.2011
1,2-Benzenedicarboxylic acid, di-C7-11-branched and	68515-42-4	271-084-6	20.06.2011
Hydrazine	302-01-2 / 7803-57-8	206-114-9	20.06.2011
1-Methyl-2-pyrrolidone	872-50-4	212-828-1	20.06.2011
1,2,3-Trichloropropane	96-18-4	202-486-1	20.06.2011
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	276-158-1	20.06.2011
Zirconia Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions: a) oxides of aluminium, silicon and zirconium are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres. c) alkaline oxide and alkali earth oxide (Na ₂ O+K ₂ O+CaO+MgO+BaO) content less or equal to 18% by weight			19.12.2011
Calcium arsenate	7778-44-1	231-904-5	19.12.2011
Bis(2-methoxyethyl) ether	111-96-6	203-924-4	19.12.2011
Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions: a) oxides of aluminium and silicon are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres c) alkaline oxide and alkali earth oxide (Na ₂ O+K ₂ O+CaO+MgO+BaO) content less or equal to 18% by weight			19.12.2011
Potassium hydroxyoctaoxodizincatedichromate	11103-86-9	234-329-8	19.12.2011
Lead dipicrate	6477-64-1	229-335-2	19.12.2011
N,N-dimethylacetamide	127-19-5	204-826-4	19.12.2011
Arsenic acid	7778-39-4	231-901-9	19.12.2011
2-Methoxyaniline; o-Anisidine	90-04-0	201-963-1	19.12.2011
Trilead diarsenate	3687-31-8	222-979-5	19.12.2011
1,2-dichloroethane	107-06-2	203-458-1	19.12.2011
Pentazinc chromate octahydroxide	49663-84-5	256-418-0	19.12.2011
4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9	205-426-2	19.12.2011
Formaldehyde, oligomeric reaction products with aniline	25214-70-4	500-036-1	19.12.2011
Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6	19.12.2011
Lead diazide, Lead azide	13424-46-9	236-542-1	19.12.2011
Lead styphnate	15245-44-0	239-290-0	19.12.2011
2,2'-dichloro-4,4'-methylenedianiline	101-14-4	202-918-9	19.12.2011
Phenolphthalein	77-09-8	201-004-7	19.12.2011
Dichromium tris(chromate)	24613-89-6	246-356-2	19.12.2011

Substance name	CAS number	EC number	Included
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	548-62-9	208-953-6	18.06.2012
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β-TGIC)	59653-74-6	423-400-0	18.06.2012
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	203-977-3	18.06.2012
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	561-41-1	209-218-2	18.06.2012
Lead(II) bis(methanesulfonate)	17570-76-2	401-750-5	18.06.2012
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9	18.06.2012
Diboron trioxide	1303-86-2	215-125-8	18.06.2012
α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	6786-83-0	229-851-8	18.06.2012
1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	2451-62-9	219-514-3	18.06.2012
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	202-027-5	18.06.2012
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	202-959-2	18.06.2012
Formamide	75-12-7	200-842-0	18.06.2012
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	2580-56-5	219-943-6	18.06.2012
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	214-604-9	19.12.2012
Pentacosafuorotridecanoic acid	72629-94-8	276-745-2	19.12.2012
Tricosafuorododecanoic acid	307-55-1	206-203-2	19.12.2012
Henicosafuoroundecanoic acid	2058-94-8	218-165-4	19.12.2012
Heptacosafuorotetradecanoic acid	376-06-7	206-803-4	19.12.2012
Diazeno-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	204-650-8	19.12.2012
Cyclohexane-1,2-dicarboxylic anhydride [1] cis-cyclohexane-1,2-dicarboxylic anhydride [2] trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry].	85-42-7, 13149-00-3, 14166-21-3	201-604-9, 236-086-3, 238-009-9	19.12.2012
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	247-094-1, 243-072-0, 256-356-4, 260-566-1	19.12.2012
4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	-	-	19.12.2012
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	-	-	19.12.2012
Methoxyacetic acid	625-45-6	210-894-6	19.12.2012
N,N-dimethylformamide	68-12-2	200-679-5	19.12.2012
Dibutyltin dichloride (DBTC)	683-18-1	211-670-0	19.12.2012
Lead monoxide (Lead oxide)	1317-36-8	215-267-0	19.12.2012

Substance name	CAS number	EC number	Included
Orange lead (Lead tetroxide)	1314-41-6	215-235-6	19.12.2012
Lead bis(tetrafluoroborate)	13814-96-5	237-486-0	19.12.2012
Trilead bis(carbonate)dihydroxide	1319-46-6	215-290-6	19.12.2012
Lead titanium trioxide	12060-00-3	235-038-9	19.12.2012
Lead titanium zirconium oxide	12626-81-2	235-727-4	19.12.2012
Silicic acid, lead salt	11120-22-2	234-363-3	19.12.2012
Silicic acid (H ₂ Si ₂ O ₅), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	68784-75-8	272-271-5	19.12.2012
1-bromopropane (n-propyl bromide)	106-94-5	203-445-0	19.12.2012
Methyloxirane (Propylene oxide)	75-56-9	200-879-2	19.12.2012
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	284-032-2	19.12.2012
Diisopentylphthalate (DIPP)	605-50-5	210-088-4	19.12.2012
N-pentyl-isopentylphthalate	776297-69-9	-	19.12.2012
1,2-diethoxyethane	629-14-1	211-076-1	19.12.2012
Acetic acid, lead salt, basic	51404-69-4	257-175-3	19.12.2012
Lead oxide sulfate	12036-76-9	234-853-7	19.12.2012
[Phthalato(2-)]dioxotrilead	69011-06-9	273-688-5	19.12.2012
Dioxobis(stearato)trilead	12578-12-0	235-702-8	19.12.2012
Fatty acids, C16-18, lead salts	91031-62-8	292-966-7	19.12.2012
Lead cyanamidate	20837-86-9	244-073-9	19.12.2012
Lead dinitrate	10099-74-8	233-245-9	19.12.2012
Pentalead tetraoxide sulphate	12065-90-6	235-067-7	19.12.2012
Pyrochlore, antimony lead yellow	8012-00-8	232-382-1	19.12.2012
Sulfurous acid, lead salt, dibasic	62229-08-7	263-467-1	19.12.2012
Tetraethyllead	78-00-2	201-075-4	19.12.2012
Tetralead trioxide sulphate	12202-17-4	235-380-9	19.12.2012
Trilead dioxide phosphonate	12141-20-7	235-252-2	19.12.2012
Furan	110-00-9	203-727-3	19.12.2012
Diethyl sulphate	64-67-5	200-589-6	19.12.2012
Dimethyl sulphate	77-78-1	201-058-1	19.12.2012
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	421-150-7	19.12.2012
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	201-861-7	19.12.2012
4,4'-methylenedi- <i>o</i> -toluidine	838-88-0	212-658-8	19.12.2012
4,4'-oxydianiline and its salts	101-80-4	202-977-0	19.12.2012
4-aminoazobenzene	60-09-3	200-453-6	19.12.2012
4-methyl- <i>m</i> -phenylenediamine (toluene-2,4-diamine)	95-80-7	202-453-1	19.12.2012
6-methoxy- <i>m</i> -toluidine (p-cresidine)	120-71-8	204-419-1	19.12.2012
Biphenyl-4-ylamine	92-67-1	202-177-1	19.12.2012
<i>o</i> -aminoazotoluene [(4- <i>o</i> -tolylazo- <i>o</i> -toluidine)]	97-56-3	202-591-2	19.12.2012
<i>o</i> -toluidine	95-53-4	202-429-0	19.12.2012
<i>N</i> -methylacetamide	79-16-3	201-182-6	19.12.2012
4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]			20.06.2013
Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	223-320-4	20.06.2013
Cadmium	7440-43-9	231-152-8	20.06.2013
Cadmium oxide	1306-19-0	215-146-2	20.06.2013
Dipentyl phthalate (DPP)	131-18-0	205-017-9	20.06.2013
Pentadecafluorooctanoic acid (PFOA)	335-67-1	206-397-9	20.06.2013

Substance name	CAS number	EC number	Included
Cadmium sulphide	1306-23-6	215-147-8	16.12.2013
Dihexyl phthalate	84-75-3	201-559-5	16.12.2013
Disodium 4-amino-3-[[4'-[[2,4-diaminophenyl]azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	1937-37-7	217-710-3	16.12.2013
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	209-358-4	16.12.2013
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	96-45-7	202-506-9	16.12.2013
Lead di(acetate)	301-04-2	206-104-4	16.12.2013
Trixylyl phosphate	25155-23-1	246-677-8	16.12.2013
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	271-093-5	16.06.2014
Sodium perborate; perboric acid, sodium salt		239-172-9; 234-390-0	16.06.2014
Sodium peroxometaborate	7632-04-4	231-556-4	16.06.2014
Cadmium chloride	10108-64-2	233-296-7	16.06.2014
Bis (2-ethyl(hexyl)phthalate) (DEHP)	117-81-7	204-211-0	28.10.2008/ 17.12.2014
2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	223-346-6	17.12.2014
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	239-622-4	17.12.2014
reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	-	-	17.12.2014
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	247-384-8	17.12.2014
Cadmium fluoride	7790-79-6	232-222-0	17.12.2014
Cadmium sulphate	10124-36-4,31119-53-6	233-331-6	17.12.2014
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate (EC No. 201-559-5)	68515-51-5 68648-93-1	271-094-0 272-013-1	15.06.2015
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] <i>[covering any of the individual stereoisomers of [1] and [2] or any combination thereof]</i>			15.06.2015
1,3-propanesultone	1120-71-4	214-317-9	17.12.2015
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	223-383-8	17.12.2015
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	253-037-1	17.12.2015
Nitrobenzene	98-95-3	202-716-0	17.12.2015
Perfluorononan-1-oi-c-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	206-801-3	17.12.2015
Benzo[def]chrysene (benzo[a]pyrene)	50-32-8	200-028-5	20.06.2016

Substance name	CAS number	EC number	Included
4,4'-isopropylidenediphenol	80-05-7	201-245-8	12.01.2017
4-Heptylphenol, branched and linear <i>[substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]</i>			12.01.2017
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts Nonadecafluorodecanoic acid Ammonium nonadecafluorodecanoate Decanoic acid, nonadecafluoro-, sodium salt	335-76-2 3108-42-7 3830-45-3	206-400-3 221-470-5 -	12.01.2017
p-(1,1-dimethylpropyl)phenol	80-46-6	201-280-9	12.01.2017
Perfluorohexane-1-sulphonic acid and its salts			07.07.2017
Benz[a]anthracene	56-55-3 1718-53-2	200-280-6	15.01.2018
Cadmium carbonate	513-78-0	208-168-9	15.01.2018
Cadmium hydroxide	21041-95-2	244-168-5	15.01.2018
Cadmium nitrate	10022-68-1 10325-94-7	233-710-6	15.01.2018
Chrysene	218-01-9 1719-03-5	205-923-4	15.01.2018
Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus" TM) <i>[covering any of its individual anti- and syn-isomers or any combination thereof]</i>	-	-	15.01.2018
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) <i>[with ≥0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)]</i>	-	-	15.01.2018

*1: Not contained in any of our products but may be used in mordant dyeing.
Please, contact us separately in case of questions regarding mordant dye application.

