

Anhang 3 ChemV - Liste der besonders besorgniserregenden Stoffe (Kandidatenliste), Fassung vom 1. Februar 2022; sie enthält 219 Stoffe und Stoffgruppen.						
Annexe 3 OChm - Liste des substances extrêmement préoccupantes (liste des substances candidates). État au 1er février 2022; elle contient 219 substances et groupes de substances.						
Anexo 3 OChm - Lista de las sustancias extremadamente preocupantes (lista de las sustancias candidatas). Estado al 1 de febrero de 2022; contiene 219 sustancias y grupos de sustancias.						
Denomination della sostanza in inglese (gli entry di gruppo appaiono in più righe)	Informazioni complementari sulla sostanza	Numeri CAS	Motivo dell'inserimento nell'elenco - (Gli elementi citati in questa colonna si riferiscono al regolamento REACH)	Decisione della ECHA	Osservazioni	
Nom de la substance en anglais (les entrées de groupe apparaissent sur plusieurs lignes)	Informations complémentaires sur la substance	No CE No CAS	Raison de l'inclusion dans la liste. (Les articles indiqués dans cette colonne se réfèrent au règlement REACH)	Decision de l'ECHA	Remarques	
Name des Stoffs auf Englisch (Gruppenanträge erscheinen in mehreren Zeilen)	Ergänzende Informationen zum Stoff	EG-Nr. CAS-Nr.	Grund für die Aufnahme in die Liste (Die Artikel, die in dieser Zeile genannt werden, beziehen sich auf die REACH).	Entscheidung der ECHA	Bemerkungen	
Phenol, alkyl products (mainly in para position) with C12-rich branched alkyl chains (allogenization, covering any individual isomers and/or combinations thereof) (PDOP)		799-972-3 -	Toxic for reproduction (Article 57) Toxic for aquatic life (Article 57) environment/Endocrine disrupting properties (Article 57) environment/Endocrine disrupting properties (Article 57) - human health	https://echa.europa.eu/documents/10162/8d95443-13d4-b12b-4ca-bdc1f135672		
Phenol, dodecyl-, branched		310-154-3 121158-58-5	Toxic for reproduction (Article 57) Toxic for reproduction (Article 57) environment/Endocrine disrupting properties (Article 57) environment/Endocrine disrupting properties (Article 57) - human health	https://echa.europa.eu/documents/10162/8d95443-13d4-b12b-4ca-bdc1f135672		
Phenol, (tetrapropenyl) derivatives		74489-35-7	Toxic for reproduction (Article 57) Toxic for reproduction (Article 57) environment/Endocrine disrupting properties (Article 57) - human health	https://echa.europa.eu/documents/10162/8d95443-13d4-b12b-4ca-bdc1f135672		
Phenol, tetrapropylene-		57427-165-1	Toxic for reproduction (Article 57) Toxic for reproduction (Article 57) environment/Endocrine disrupting properties (Article 57) - human health	https://echa.europa.eu/documents/10162/8d95443-13d4-b12b-4ca-bdc1f135672		
Phenol, 4-dodecyl, branched		210558-94-7	Toxic for reproduction (Article 57) Toxic for reproduction (Article 57) environment/Endocrine disrupting properties (Article 57) - human health	https://echa.europa.eu/documents/10162/8d95443-13d4-b12b-4ca-bdc1f135672		
4-isododecylphenol		608-055-8 27469-10-5	Toxic for reproduction (Article 57) Toxic for reproduction (Article 57) environment/Endocrine disrupting properties (Article 57) - human health	https://echa.europa.eu/documents/10162/8d95443-13d4-b12b-4ca-bdc1f135672		
Phenol, 4-isobutyl-		27147-75-7	Toxic for reproduction (Article 57) Toxic for reproduction (Article 57) environment/Endocrine disrupting properties (Article 57) - human health	https://echa.europa.eu/documents/10162/8d95443-13d4-b12b-4ca-bdc1f135672		
Orthoboric acid, sodium salt		799-989-7	Toxic for reproduction (Article 57) Toxic for reproduction (Article 57) environment/Endocrine disrupting properties (Article 57) - human health	https://echa.europa.eu/documents/10162/8d95443-13d4-b12b-4ca-bdc1f135672		
Orthoboric acid, sodium salt		237-560-2 13840-56-7	Toxic for reproduction (Article 57) Toxic for reproduction (Article 57) environment/Endocrine disrupting properties (Article 57) - human health	https://echa.europa.eu/documents/10162/8d95443-13d4-b12b-4ca-bdc1f135672		
Trisodium orthoborate		238-236-4 14312-40-4	Toxic for reproduction (Article 57) Toxic for reproduction (Article 57) environment/Endocrine disrupting properties (Article 57) - human health	https://echa.europa.eu/documents/10162/8d95443-13d4-b12b-4ca-bdc1f135672		
boric acid, sodium salt, hydrate		-	Toxic for reproduction (Article 57) Toxic for reproduction (Article 57) environment/Endocrine disrupting properties (Article 57) - human health	https://echa.europa.eu/documents/10162/8d95443-13d4-b12b-4ca-bdc1f135672		
Boric acid (H3BO3), sodium salt (1:1)		14890-53-0	Toxic for reproduction (Article 57) Toxic for reproduction (Article 57) environment/Endocrine disrupting properties (Article 57) - human health	https://echa.europa.eu/documents/10162/8d95443-13d4-b12b-4ca-bdc1f135672		
Boric acid (H3BO3), sodium diethyl-		22454-44-2	Toxic for reproduction (Article 57) Toxic for reproduction (Article 57) environment/Endocrine disrupting properties (Article 57) - human health	https://echa.europa.eu/documents/10162/8d95443-13d4-b12b-4ca-bdc1f135672		
Medium-chain chlorinated paraffins (MCCP)		215-804-1 133-87-9	Toxic for reproduction (Article 57) Toxic for reproduction (Article 57) environment/Endocrine disrupting properties (Article 57) - human health	https://echa.europa.eu/documents/10162/8d95443-13d4-b12b-4ca-bdc1f135672		
Akane, C14-17, chloreo		799-916-8	PBT (Article 57) PBT (Article 57) PBT (Article 57)	https://echa.europa.eu/documents/10162/8d95443-13d4-b12b-4ca-bdc1f135672		
de, 1,1,2,2-tetra(chloroethoxy)ethane		287-477-0 85035-85-9	PBT (Article 57) PBT (Article 57) PBT (Article 57)	https://echa.europa.eu/documents/10162/8d95443-13d4-b12b-4ca-bdc1f135672		
Akane, C14-16, chloreo		960-299-5	PBT (Article 57) PBT (Article 57) PBT (Article 57)	https://echa.europa.eu/documents/10162/8d95443-13d4-b12b-4ca-bdc1f135672		
Tetradecane, chloreo, chlors.		137280-76-6	PBT (Article 57) PBT (Article 57) PBT (Article 57)	https://echa.europa.eu/documents/10162/8d95443-13d4-b12b-4ca-bdc1f135672		
Chlorinated paraffins with carbon chain lengths in the range C14-17 and chlorination levels at or exceeding 45 per cent chlorine by weight		-	PBT (Article 57) PBT (Article 57) PBT (Article 57)	https://echa.europa.eu/documents/10162/8d95443-13d4-b12b-4ca-bdc1f135672		
glutaral		203-856-5 111-30-8	Respiratory sensitizing properties Toxic for reproduction (Article 57) Endocrine disrupting properties (Article 57) environment/Endocrine disrupting properties (Article 57) - human health	https://echa.europa.eu/documents/10162/8d95443-13d4-b12b-4ca-bdc1f135672		
4,4'-1-methylpropylidenebisphenol		201-025-1 77-40-7	Toxic for reproduction (Article 57) Toxic for reproduction (Article 57) environment/Endocrine disrupting properties (Article 57) - human health	https://echa.europa.eu/documents/10162/8d95443-13d4-b12b-4ca-bdc1f135672		
2,4,4'-1,3,5-trisubstitutedphenol and its individual stereoisomers		799-702-2	Toxic for reproduction (Article 57) Toxic for reproduction (Article 57) environment/Endocrine disrupting properties (Article 57) - human health	https://echa.europa.eu/documents/10162/8d95443-13d4-b12b-4ca-bdc1f135672		
2,4,4'-1,3,5-trisubstitutedphenol		201-298-6 85-54-8	Toxic for reproduction (Article 57) Toxic for reproduction (Article 57) environment/Endocrine disrupting properties (Article 57) - human health	https://echa.europa.eu/documents/10162/8d95443-13d4-b12b-4ca-bdc1f135672		
(2S)-3-(4-tert-butylphenyl)-2-methylpropanal		75166-30-2	Toxic for reproduction (Article 57) Toxic for reproduction (Article 57) environment/Endocrine disrupting properties (Article 57) - human health	https://echa.europa.eu/documents/10162/8d95443-13d4-b12b-4ca-bdc1f135672		
(2R)-3-(4-tert-butylphenyl)-2-methylpropanal		75166-31-3	Toxic for reproduction (Article 57) Toxic for reproduction (Article 57) environment/Endocrine disrupting properties (Article 57) - human health	https://echa.europa.eu/documents/10162/8d95443-13d4-b12b-4ca-bdc1f135672		
2,2-dibromo-2,2-dimethylpropan-1-ol, 2,2-dibromo-2,2-dimethylpropan-1-ol (TBPNPA); 2,3-dibromo-1-propanol (2,3-DBP)		799-988-1	Carcinogenic (Article 57a) Carcinogenic (Article 57a) Carcinogenic (Article 57a)	https://echa.europa.eu/documents/10162/8d95443-13d4-b12b-4ca-bdc1f135672		
2,2-dibromo-2,2-dimethylpropan-1-ol, 2,2-dimethylpropan-1-ol (TBPNPA)		222-883-3 3648-18-8	Toxic for reproduction (Article 57) Toxic for reproduction (Article 57) environment/Endocrine disrupting properties (Article 57) - human health	https://echa.europa.eu/documents/10162/8d95443-13d4-b12b-4ca-bdc1f135672		
2,2-dimethylpropan-1-ol, 2,2-dimethylpropan-1-ol (TBPNPA)		221-367-1 3648-19-9	Toxic for reproduction (Article 57) Toxic for reproduction (Article 57) environment/Endocrine disrupting properties (Article 57) - human health	https://echa.europa.eu/documents/10162/8d95443-13d4-b12b-4ca-bdc1f135672		
2,2-dimethylpropan-1-ol, 2,2-dimethylpropan-1-ol (TBPNPA)		233-697-0 36483-97-5	Toxic for reproduction (Article 57) Toxic for reproduction (Article 57) environment/Endocrine disrupting properties (Article 57) - human health	https://echa.europa.eu/documents/10162/8d95443-13d4-b12b-4ca-bdc1f135672		
2,2-dimethylpropan-1-ol, 2,2-dimethylpropan-1-ol (TBPNPA)		152-92-5	Toxic for reproduction (Article 57) Toxic for reproduction (Article 57) environment/Endocrine disrupting properties (Article 57) - human health	https://echa.europa.eu/documents/10162/8d95443-13d4-b12b-4ca-bdc1f135672		
2,2-dimethylpropan-1-ol, 2,2-dimethylpropan-1-ol (TBPNPA)		202-480-9 15-13-0	Toxic for reproduction (Article 57) Toxic for reproduction (Article 57) environment/Endocrine disrupting properties (Article 57) - human health	https://echa.europa.eu/documents/10162/8d95443-13d4-b12b-4ca-bdc1f135672		
1,4-dioxane		204-661-3 123-91-1	Carcinogenic (Article 57a) Carcinogenic (Article 57a) Carcinogenic (Article 57a)	https://echa.europa.eu/documents/10162/8d95443-13d4-b12b-4ca-bdc1f135672		
Diclofyn dilaurate, stearate, dioctyl-, bis(2-acyloxy) dienes, , and other dienes (wherein C12 is the predominant carbon number of the fatty acyl moiety)		-	Toxic for reproduction (Article 57) Toxic for reproduction (Article 57) environment/Endocrine disrupting properties (Article 57) - human health	https://echa.europa.eu/documents/10162/8d95443-13d4-b12b-4ca-bdc1f135672		
Diclofyn dilaurate		222-883-3 3648-18-8	Toxic for reproduction (Article 57) Toxic for reproduction (Article 57) environment/Endocrine disrupting properties (Article 57) - human health	https://echa.europa.eu/documents/10162/8d95443-13d4-b12b-4ca-bdc1f135672		
Stearane, dioctyl-, bis(2-acyloxy) dienes,		-	Toxic for reproduction (Article 57) Toxic for reproduction (Article 57) environment/Endocrine disrupting properties (Article 57) - human health	https://echa.europa.eu/documents/10162/8d95443-13d4-b12b-4ca-bdc1f135672		
Bis[2-(2-methoxyethoxy)ethyl]ether		205-947-7 143-24-8	Toxic for reproduction (Article 57) Toxic for reproduction (Article 57) environment/Endocrine disrupting properties (Article 57) - human health	https://echa.europa.eu/documents/10162/8d95443-13d4-b12b-4ca-bdc1f135672		
Butylbenzylbenzene-2,4-diol		245-152-0 22073-19-4	Toxic for reproduction (Article 57) Toxic for reproduction (Article 57) environment/Endocrine disrupting properties (Article 57) - human health	https://echa.europa.eu/documents/10162/8d95443-13d4-b12b-4ca-bdc1f135672		
Butyl-4-hydroxybenzoate		202-187-7 94-26-8	Toxic for reproduction (Article 57) Toxic for reproduction (Article 57) environment/Endocrine disrupting properties (Article 57) - human health	https://echa.europa.eu/documents/10162/8d95443-13d4-b12b-4ca-bdc1f135672		
2-methylimidazole		211-73-2 693-98-1	Toxic for reproduction (Article 57) Toxic for reproduction (Article 57) environment/Endocrine disrupting properties (Article 57) - human health	https://echa.europa.eu/documents/10162/8d95443-13d4-b12b-4ca-bdc1f135672		
1,4-dioxane		214-012-0 123-15-5	Equivalent level of concern having probable serious effects to human health (Article 57) - human health Equivalent level of concern having probable serious effects to the environment (Article 57) - environment	https://echa.europa.eu/documents/10162/8d95443-13d4-b12b-4ca-bdc1f135672		
Perfluorobutane sulfonic acid (PFBS) and its salts		-	Equivalent level of concern having probable serious effects to human health (Article 57) - human health Equivalent level of concern having probable serious effects to the environment (Article 57) - environment	https://echa.europa.eu/documents/10162/8d95443-13d4-b12b-4ca-bdc1f135672		
Ammonium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulfonate		269-513-7 6829-10-3	Equivalent level of concern having probable serious effects to human health (Article 57) - human health Equivalent level of concern having probable serious effects to the environment (Article 57) - environment	https://echa.europa.eu/documents/10162/8d95443-13d4-b12b-4ca-bdc1f135672		
Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulfonate		249-616-3 2942-49-3	Equivalent level of concern having probable serious effects to human health (Article 57) - human health Equivalent level of concern having probable serious effects to the environment (Article 57) - environment	https://echa.europa.eu/documents/10162/8d95443-13d4-b12b-4ca-bdc1f135672		
1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulfonic acid		206-793-1 375-73-5	Equivalent level of concern having probable serious effects to human health (Article 57) - human health Equivalent level of concern having probable serious effects to the environment (Article 57) - environment	https://echa.europa.eu/documents/10162/8d95443-13d4-b12b-4ca-bdc1f135672		
bis(4-4-butylphenyl)iodonium perfluorobutanesulfonate		432-660-4 -	Equivalent level of concern having probable serious effects to human health (Article 57) - human health Equivalent level of concern having probable serious effects to the environment (Article 57) - environment	https://echa.europa.eu/documents/10162/8d95443-13d4-b12b-4ca-bdc1f135672		
tetrabutyl-phosphonium nonafluorobutane-1-sulfonate		444-440-5 220689-12-3	Equivalent level of concern having probable serious effects to human health (Article 57) - human health Equivalent level of concern having probable serious effects to the environment (Article 57) - environment	https://echa.europa.eu/documents/10162/8d95443-13d4-b12b-4ca-bdc1f135672		
morpholinium perfluorobutanesulfonate		503155-89-3	Equivalent level of concern having probable serious effects to human health (Article 57) - human health Equivalent level of concern having probable serious effects to the environment (Article 57) - environment	https://echa.europa.eu/documents/10162/8d95443-13d4-b12b-4ca-bdc1f135672		
1-(4-butoxy-1-naphthalenyl)tetrahydropholenium 1,1,2,2,3,3,4,4-nonafluoro-1-butanesulfonate		468-770-4 -	Equivalent level of concern having probable serious effects to human health (Article 57) - human health Equivalent level of concern having probable serious effects to the environment (Article 57) - environment	https://echa.europa.eu/documents/10162/8d95443-13d4-b12b-4ca-bdc1f135672		
Triphenylsulfonium perfluorobutanesulfone		478-340-8 144317-44-2	Equivalent level of concern having probable serious effects to human health (Article 57) - human health Equivalent level of concern having probable serious effects to the environment (Article 57) - environment	https://echa.europa.eu/documents/10162/8d95443-13d4-b12b-4ca-bdc1f135672		

