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Kemiska ämnen med begränsad användning - Scanias grå lista

Chemical substances with limited use - Scania Grey list

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Ändringar från tidigare utgåva

GHS tillagt till Tabell 1 i kapitel 4 *Kriterier*.

HCFC-föreningarna R404A och R507 och Perfluorohexan-1-sulphonyra och dess salter (PFHxS) har lagts till.

Ny Annex A är tillagt.

Ändringar är skuggmarkerade.

Changes from previous issue

GHS added to Table 1 in chapter 4 *Criteria*.

HCFC compounds R404A and R507 and Perfluorohexane-1-sulphonic acid and its salts (PFHxS) has been added.

New Annex A is added.

Changes are shaded.

1 Inledning

Internationell eller nationell motsvarighet till denna standard saknas. Denna standard kompletterar internationella och nationella krav och överenskommelser.

Beakta att detta är en Scania Standard. Lagkrav om användning av farliga kemiska ämnen i olika länder som inte omfattas av denna standard måste uppfyllas.

Angränsande standarder är:

- Scania STD4384 Criteria for limitation and

1 Introduction

There are no international or national equivalents to this standard. This standard shall be regarded as a complement to international and national requirements by legislation and agreements.

Please note that this is a Scania Standard. Legal requirements concerning the use of hazardous chemical substances in different countries not covered by this standard must be fulfilled.

Associated standards are:

- Scania STD4384 Criteria for limitation and

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reporting of chemical substances (endast för Scania-intern spridning)

- Scania STD4158 Kemiska ämnen som inte får användas (Scanias svarta lista)
- STD4400en Prohibited and restricted substances in Scania's products.

2 Omfattning och tillämpning

Enligt beslut inom Scania har begränsningar införts för användandet av vissa kemiska ämnen. Denna standard innehåller kemiska ämnen som inte bör användas i kemiska produkter i Scanias produktutveckling, produktion, försäljning och servicenätverk samt i Scanias processer som rör anläggningar och underhåll.

3 Definitioner

Kemisk produkt är ett kemiskt ämne eller en blandning exempelvis saltsyra, lim, färg och kylarvätska. Observera att ett kemiskt ämne /blandning kan även ingå i en artikel exempelvis explosivt ämne i en krockkudde.

4 Kriterier

Ämnen som uppfyller något av följande krav i denna standard bör ej användas.

Begränsningen avser all användning av kemiska ämnen i halter $\geq 0,1$ % (vikt). Denna haltgräns gäller då inget annat anges i standarden.

- Användningen av ämnet kommer att bli förbjudet enligt lag vid en känd tidpunkt.
- Ämnet är klassat som särskilt farligt ämne (SVHC) enligt REACH¹⁾ Artikel 57. SVHC omfattar ämnen som är:

reporting of chemical substances, (for Scania internal distribution only)

- Scania STD4158 Chemical substances which must not be used (Scania Black list)
- STD4400en Prohibited and restricted substances in Scania's products.

2 Scope and field of application

According to a decision by Scania, restrictions have been introduced with respect to the use of certain chemical substances. This standard lists restricted chemical substances that should not be present in chemical products used in Scania's product development, production processes or the sales and service network or Scania's processes concerning facilities and maintenance.

3 Definitions

Chemical product is a chemical substance or mixture, such as hydrochloric acid, glue, paint and coolant. Note that a chemical substance /mixture may also be included in a part such as explosive in an airbag.

4 Criteria

Restricted substances that fulfil one of the following requirements should not be used.

The restriction refers to all use of the chemical substances ≥ 0.1 % (weight). This limit applies if not stated otherwise in the standard.

- The use of the substance will be forbidden by law at a known date.
- The substance is classified as a Substance of Very High Concern (SVHC) according to REACH¹⁾ Article 57. SVHC includes substances which are:

¹⁾ REACH (Registration, Evaluation, Authorisation and Restriction of Chemical substances) REACH is a new European Community Regulation on chemicals and their safe use (EC 1907/2006).

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- Cancerogena, Mutagena eller Reproduktionstoxiska ämnen (CMR) enligt Tabell 1 nedan
- Persistent, Bio- ackumulerande och Toxisk (PBT)
- Mycket Persistent och mycket Bio-ackumulerande (vPvB)
- Identifierad att orsaka sannolika allvarliga effekter på människors hälsa eller miljön.
- Ämnet har på något vis identifierats som högriskämne med avseende på effekter på människors hälsa och/eller miljön.
- Carcinogenic, Mutagenic or Toxic for Reproduction (CMR) according to Table 1 below
- Persistent, Bio-accumulative and Toxic (PBT)
- Very Persistent and very Bio-accumulative (vPvB)
- Identified as causing probable serious effects to human health or the environment.
- The substance is in other ways/by other means identified as high-risk substance with regard to effects to human health and/or the environment.

Alla ämnen med ovanstående klassificering omfattas av denna standard oavsett om ämnet uttryckligen anges i standarden eller inte.

All substances with the above classification covered by this standard regardless of whether the substance is explicitly listed in the standard or not.

Tabell 1 – CMR-ämnen

Egenskaper	Riskfraser enligt DSD/DPD kategori 1 och 2	Faroangivelse enligt GHS/CLP kategori 1A och 1B
Cancerframkallande (C)	R45, R49	H350
Mutagen (M)	R46	H340
Reproduktionstoxiskt (R)	R60, R61	H360

Table 1 – CMR substances

Property	Risk phrase EU category 1 and 2	Hazard statement GHS/CLP category 1A and 1B
Carcinogenic (C)	R45, R49	H350
Mutagenic (M)	R46	H340
Reproduction Toxic (R)	R60, R61	H360

5 Krav

Kemiska produkter som innehåller kemiska ämnen som omfattas av denna standard bör ej användas. Ett aktivt substitutionsarbete skall bedrivas och ämnet ska hållas under bevakning för att hitta mindre farliga alternativ så snart det är tekniskt och ekonomiskt möjligt.

5 Requirements

Chemical products containing chemical substances in this standard should not be used. An active substitution work shall be done and the substance shall be kept under surveillance to find less hazardous alternatives to be introduced as soon as technically and economically possible.

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Alla ämnen upptagna i denna standard ska deklarerars och informeras till Scania enligt krav på leverantörsportalen <https://supplier.scania.com> eller inom Scania enligt lokala rutiner.

För kemikalier som finns kvar i slutprodukten såsom t.ex. färg, lim, olja, kylvätska gäller även STD4400 "Prohibited and Restricted substances in Scania's products" samt rapportering i IMDS enligt STD4352en "Reporting of substances and material composition of product-related parts to IMDS".

Standarden revideras minst en gång per år av Safety, Health and Environment Support.

All substances listed in this Standard must be communicated to Scania according to the demands on the Supplier portal <https://supplier.scania.com> or within Scania according to local methods.

The standard STD4400 "Prohibited and Restricted substances in Scania's products" and reporting into IMDS according to STD4352 "Reporting of substances and material composition of product-related parts to IMDS" also applies for chemical products that remain in the final product such as dyes, glue, oil, coolants

The standard will be revised at least annually by Safety, Health and Environment Support.

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6 Ämnesförteckning (Svensk version)

För engelsk version se sidan 27.

6 List of substances (Swedish version)

For English version see page 27.

Grupp	Ämnesnamn	CAS-Nr ¹⁾	EG-nr ¹⁾	Risk ²⁾	Tillämpning	Exempel på typ eller användningsområde	Införande-datum	Fot-not
Biocider	Klorkresol (meta-)	59-50-7	200-431-6	E, A	För biocider upptagen i denna standard omfattas varje medveten tillsats. Haltgräns 0 %	Smörjmedel, lacker skärvätskor	1998-02-26	
	Klorkresol (orto-)	1570-64-5	216-381-3	E (sannolikt)		Vattenlösningar, skärvätskor, färger		
	Klormetylisotiazolinon	26172-55-4	247-500-7	A				
	Metylisotiazolinon	2682-20-4	220-239-6	A				
	Kathon CG	55965-84-9	-	A				
	Bortrioxid	1303-86-2	215-125-8	R		Färg, lack, tryckfärg, detergent flamskyddsmedel, katalysator,	2012-06-18	3
	Tiram (TMTD, Tetrametyltiuramdisulfid)	137-26-8	205-286-2	A, E		Färg, rengöringsmedel	1998-02-26	
	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	201-861-7	R		Tillverkning av polyakrylamid	2012-12-19	3

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Grupp	Ämnesnamn	CAS-Nr ¹⁾	EG-nr ¹⁾	Risk ²⁾	Tillämpning	Exempel på typ eller användningsområde	Införande-datum	Fot-not
Fiber	Eldfast keramisk fiber Aluminiumsilikat			C	Ämnet täcks av indexnummer 650-017-00-8 i bilaga VI, del 3, tabell 3.2 i EG-förordningen nr 1272/2008	Hög temperatur isolering samt inom brandskydd	2010-02-23	3
	Aluminiumsilikat keramisk fiber (RCF)			C			2012-01-03	3
	Zirkonium aluminiumsilikat keramisk fiber (Zr-RCF)			C			2012-01-03	3
	Eldfast keramisk fiber Zirkoniumaluminiumsilika			C			2010-02-23	3
Flamskydds-medel	Bromerade flamskyddsmedel (ej PBB och PBDE)	Flera		E	Inte PBB och PBDE då de omfattas av STD4158	Textilier, plast	1998-02-26	
	Hexabromcyklododekan (HBCDD) och alla huvudsaklig identifierade diastereoisomerer:	25637-99-4	247-148-4	E			2008-11-18	3, 4
	Hexabromcyklododekan (HBCDD) och alla huvudsaklig identifierade diastereoisomerer	3194-55-6	221-695-9	E				3, 4
	α – HBCDD	134237-51-7						3, 4
	β – HBCDD	134237-50-6						3, 4
	γ – HBCDD	134237-52-8						3, 4
	Trifenylfosfat	115-86-6	204-112-2	A		Antioxidant Flamskyddsmedel	1998-02-26	

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Grupp	Ämnesnamn	CAS-Nr ¹⁾	EG-nr ¹⁾	Risk ²⁾	Tillämpning	Exempel på typ eller användningsområde	Införande-datum	Fot-not
HCFC-föreningar	HCFC 141 b	1717-00-6	404-080-1	O	HCFC använt som jämsmedel för skumplast eller som lösningsmedel omfattas av STD4158. HCFC använt som köldmedel omfattas av STD4159.	Köldmedium	1998-02-26	
	HCFC 142 b	75-68-3	200-891-8	O				
	HCFC 22	75-45-6	200-871-9	O				
	R404A och R507	Flera	Flera	O	Köldmedier med Global Warming Potential (GWP) större eller lika med 2500 kommer förbjudas from 2020. GWP utvecklades för att möjliggöra jämförelser av de olika uppvärmningseffekterna från olika gaser större eller lika med 2500 kommer förbjudas from 2020. GWP utvecklades för att möjliggöra jämförelser av de olika uppvärmningseffekterna från olika gaser.	Köldmedium	2017-07-11	
Färgämnen	Dinatrium-3,3'-[[1,1'-bifenyl]-4,4'-diylbis(azo)]bis(4-aminonafalen-1-sulfonat)C.I. Direct Red 28	573-58-0	209-358-4	C	Textil- och lädervaror	Färgämne för textil och läder	2013-12-16	3
	Dinatrium 4-amino-3-[[4'-[(2,4-diamino-fenyl)azo][1,1'-bifenyl]-4-yl]azo] -5-hydroxi-6-(fenylazo)naftalen-2,7-disulfonat C.I. Direct Black 38	1937-37-7	217-710-3	C	Textil- och lädervaror	Färgämne för textil och läder	2013-12-16	3

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Grupp	Ämnesnamn	CAS-Nr ¹⁾	EG-nr ¹⁾	Risk ²⁾	Tillämpning	Exempel på typ eller användningsområde	Införande-datum	Fot-not
Färgämnen (forts.)	4,4'-Bis(dimetylamino)-4''-(metylamino) benzenmetanol Vid innehåll av ≥0,1% av Michlers keton (CAS-nr 90-94-8) eller Michlers bas (CAS-nr 101-61-1)	561-41-1	209-218-2	C	Används vid formulering av skrivbläck och vid tillverkning av andra färger		2012-06-18	3
	4-[[4-Fenylamino-4-(dimetylamino)fenyl]metylen]cyklohexa-2,5-dien-1-yliden] dimetylammonium klorid C.I. Basic Blue 26 Vid innehåll av ≥0,1% av Michlers keton (CAS-nr 90-94-8) eller Michlers bas (CAS-nr 101-61-1)	2580-56-5	219-943-6	C	Används vid formulering av färger och rengöringsmedel		2012-06-18	3
	[4-[4,4'-Bis(dimetylamino)benzhydryli-den]cyklo-hexa-2,5-dien-1-yliden]dimetyl-ammoniumklorid (C.I. Basic Violet 3) Vid innehåll av ≥0,1% av Michlers keton (CAS-nr 90-94-8) eller Michlers bas (CAS-nr 101-61-1)	584-62-9	208-953-6	C	Används huvudsakligen för färgning av papper och i bläck till skrivarpatroner.		2012-06-18	3

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Grupp	Ämnesnamn	CAS-Nr ¹⁾	EG-nr ¹⁾	Risk ²⁾	Tillämpning	Exempel på typ eller användningsområde	Införande-datum	Fot-not
Färgämnen (forts.)	α,α-Bis[4-(dimetyl-amino)fenyl]-4 fenylamino)naftalen-1-metanol (C.I. Solvent Blue 4) Vid innehåll av ≥0,1% av Michlers keton (CAS-nr 90-94-8) eller Michlers bas (CAS-nr 101-61-1)	6786-83-0	229-851-8	C	Används huvudsakligen vid formulering av tryck- och skrivfärger och som rengöringsmedel för vindrutor	Tryck- och skrivfärger, rengöringsmedel för vindrutor		3
	Kadmiumsulfat	10124-36-4, 31119-53-6	233-331-6	C, M, R	Används vid tillverkning av andra kadmiumföreningar	Kan förekomma som färgämne i varor av plast	2014-12-17	3
Härdare	Toluendiisocyanat (2,4-)	584-84-9	209-544-5	C, A, (astma)		Mjuka PUR-skum, lim	1998-02-26	
	Toluendiisocyanat (2,6-)	91-08-07	202-039-0	A,C				
	1,3,5-Tris(oxiranylmetyl)-1,3,5-triazin-2,4,6(1H,3H,5H)-trion TGIC Triglycidylisocyanurat	2451-62-9	219-514-3	T, M	Härdare i harts. Ytbeläggning och laminering. Tryckfärg, screentryck	Pulverfärger	2002-08-15	3
	1,3,5-Tris[(2R)-oxiranylmetyl]-1,3,5-triazin-2,4,6(1H,3H,5H)-trion β-TGIC β-Triglycidylisocyanurat	59653-74-6	423-400-0	M	Plastvaror (mjukningsmedel)		2012-06-18	3
Intermediär	4-Amino-2',3-dimetylazobenzen	97-56-3	202-591-2	C	Färgämnen, pigment	Textil	2012-12-19	3
	Dietylsulfat	64-67-5	200-589-6	C, M			2012-12-19	3
	Dimetylsulfat	77-78-1	201-058-1	C			2012-12-19	3
	4,4'-Dioxyanilin och dess salter	101-80-4	202-977-0	C, M			2012-12-19	3
	2-Metoxi-5-metylbenzenamin, p-Kresidin	120-71-8	204-419-1	C	Intermediär för tillverkning av färgämne	Textil	2012-12-19	3

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Grupp	Ämnesnamn	CAS-Nr ¹⁾	EG-nr ¹⁾	Risk ²⁾	Tillämpning	Exempel på typ eller användningsområde	Införande-datum	Fot-not
Intermediär (forts.)	2-Metylbenzen- amin, o-Toluidin	95-53-4	202-429-0	C	Intermediär till färgämnen		2012-12-19	3
	4,4'-Metylendi-o-toluidin	838-88-0	212-658-8	C			2012-12-19	3
	Toluen-2,4-diamin	95-80-7	202-453-1	C	Intermediär för framställning av toluendiisocyanat och färgämnen	Textil	2012-12-19	3
	Formamid	75-12-7	200-842-0	R	Används huvudsakligen som intermediär vid tillverkning av industrikemikalier		2012-06-18	3
	4,4'-Bis(dimetylamino) benzofenon Michlers keton	90-94-8	202-027-5	C	Intermediär för tillverkning av färg och färgämnen			3
	4,4'-Bis(dimetylamino) difenylmetan Michlers bas	101-61-1	202-959-2	C				3
Komplexa blandningar	Antracenolja	90640-80-5	292-602-7	C, E		Tillverkning av Antracen och "Carbon Black" (kimrök)	2010-02-23	3, 5
	Antracenolja, antracenpasta, lätt destillationsfraktion	91995-17-4	295-278-5	C, T, M, E				3
	Antracenolja, antracenpasta, antracenfraktion	91995-15-2	295-275-9	C, T, M, E				3
	Antracenolja, med lågt innehåll av antracen	90640-82-7	292-604-8	C, T, M, E				3
	Antracenolja, antracenpasta	90640-81-6	292-603-2	C, T, M, E				3

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Grupp	Ämnesnamn	CAS-Nr ¹⁾	EG-nr ¹⁾	Risk ²⁾	Tillämpning	Exempel på typ eller användningsområde	Införande-datum	Fot-not
Komplexa blandningar (forts.)	Kolofonium	8050-09-7 8052-10-6 73138-82-6	232-475-7, 232-484-6, 277-299-1	A	Tillåten halt max 1%	Lim, lack, skärvätskor	2002-08-15	
	Kreosot	8001-58-9 m fl	232-287-5	C, E		Destillationsfraktion	1998-02-26	5
	Beck, koltjäre-, högttemperaturs-Destillationsprodukt från stenkoltjära	65996-93-2	266-028-2	C, E		Stålkonstruktioner, gummi, elektroder	2010-02-23	3
	Stenkoltjära	8007-45-2 65996-91-0 m fl	232-361-7, 266-026-1	C		Utfyllnadsmedel	2002-08-15	
	1,2,3-Triklorpropan	96-18-4	202-486-1	C, R			2011-07-05	3
Lösningsmedel	1,2-Diklorethan	107-06-2	203-458-1	C		Bränsletillsats	1998-02-26	3
	Hexan (normal)	110-54-3	203-777-6	N		Lösningsmedel		
	Kloroform	67-66-3	200-663-8	C, R				3
	2,2-Dimetyldietyler	111-96-6	203-924-4	R			2012-01-03	3
	N,N dimetylacetamid (DMAC)	127-19-5	204-826-4	R				3
	Limonen	138-86-3 5989-27-5 5989-54-8 6876-12-6 7705-14-8	205-341-0, 227-813-5, 227-815-6, 229-977-3, 231-732-0	A, E	Tillåten halt max 1%	Lösningsmedel	1998-02-26	
	2-Metoxi-1-propanol	1589-47-5	216-455-5	R	Tillåten halt max 0.5%	Lösningsmedel	2002-08-15	

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Grupp	Ämnesnamn	CAS-Nr ¹⁾	EG-nr ¹⁾	Risk ²⁾	Tillämpning	Exempel på typ eller användningsområde	Införande-datum	Fot-not
Lösnings-medel (forts.)	Triklöretylen	79-01-6	201-167-4	C			1998-02-26	3, 4
	1,2-Bis(2-metoxietoxi)etan (TEGDME)	112-49-2	203-977-3	R	Processhjälpmiddel vid tillverkning och formulering av industrikemikalier		2012-06-18	3
	1,2- dimetoxietan (EGDME)	110-71-4	203-794-9	R	Processhjälpmiddel vid tillverkning och formulering av industrikemikalier		2012-06-18	3
	N-Metyl-2-pyrrolidon (NMP)	872-50-4	212-828-1	R		Lösningsmedel	2011-07-05	3
	1-Brompropan	106-94-5	203-445-0	R			2012-12-19	3
	1,2-Dietoxietan	629-14-1	211-076-1	R			2012-12-19	3
	N,N-dimetylformamid	68-12-2	200-679-5	R		Lösningsmedel, laboratoriekemikalier	2012-12-19	3
	Furan, Oxacyklopentadien	110-00-9	203-727-3	C		Lösningsmedel	2012-12-19	3
	Nitrobensen	98-95-3	202-716-0	R		Används bland annat för att tillverka andra ämnen.	2015-12-17	3
Metaller	Arsenik + föreningar	Flera		N, C, E		Träskydd, torkmedel	1998-02-26	
	Diarseniktrioxid	1327-53-3	215-481-4	N, C, E			2008-11-18	3, 4
	Diarsenikpentoxid	1303-28-2	215-116-9	N, C, E				3, 4
	Trietylarsenat	15606-95-8	427-700-2	N, C, E				3
	Blyvätearsenat	7784-40-9	232-064-2	N, C, E				3
	Arseniksyra	7778-39-4	231-901-9	C			2012-01-03	3

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Metaller (forts.)	Trikalciumdiarsenat	7778-44-1	231-904-5	C				3
	Triblydiarsenat	3687-31-8	222-979-5	C, R				3
	Blyacetat	301-04-2	206-104-4	R				3
	Blyazid	13424-46-9	236-542-1	R		Laboratoriekemikalie. Kan förekomma i färg, färgborttagningsmedel		2013-12-16
	Bly som legeringsämne	Flera		E, N				3
	Bly-2,4,6-trinitro-1,3-fenylendioxid	15245-44-0	239-290-0	R				3
	Bly(2+)pikrat	6477-64-1	229-335-2	R	All elektronik och elektronisk utrustning som innehåller mer än 0.1 g bly per komplett artikel ska märkas enligt Scania STD3871.			2012-01-03
	Bly och blyföreningar	Flera		E, N				3
	Kaliumbis (zinkkromat)hydroxid	11103-86-9	234-329-8	C				1998-02-26
	Krom (VI) föreningar	Flera		A, C, E	För ytbehandling av gängade fästelement gäller gränsvärde för urlakning 0,3 µg/cm2 enligt SS2392. För övriga artiklar och processer gäller kravet på 0,1 % viktprocent	Ytbeläggning	2012-01-03	3
	Blymetansulfonat	17570-76-2	401-750-5	R		Ytbehandling, pigment	1998-02-26	
	Krom(III)kromat	24613-89-6	246-356-2	C, M, R				
					Ytbeläggning vid tillverkning av elektroniska komponenter.		2012-06-18	3
					Används i blandningar	Ytbehandling	2011-07-05	3

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Metaller (forts.)	Kromsyra	7738-94-5	231-801-5	C	Syror genererade från krom-trioxid och dess oligomerer	Ytbehandling/ ytbeläggning	2011-01-05	4
	Dikromsyra	13530-68-2	236-881-5	C			2011-01-05	4
	Syror genererade från kromtrioxid och deras oligomerer. Oligomerer av kromsyra och dikromsyra. CAS-nr ännu inte tilldelat	Flera 7738-94-5 13530-68-2	Flera 231-801-5 236-881-5	C		Ytbehandling/ ytbeläggning	2011-01-05	3
	Natriumdikromat	7789-12-0 10588-01-9	- , 234-190-3	C, R		Råmaterial för pigment, ytbehandling	2008-11-18	3, 4
	Strontiumkromat	7789-06-02	232-142-6	C		Pigment	1998-02-26	3
	Zinkkromat	13530-65-9	236-878-9					
	Kromtrioxid	1333-82-0	215-607-8	C		Ytbehandling/ ytbeläggning	2011-01-05	3,4
	Koboltdiklorid	7646-79-9	231-589-4	C, R		Katalysator	2008-11-18	3
	Blykromatsulfatmolybdat (C.I. röd 104)	12656-85-8	235-759-9	C, R		Färg (Pigment)	2010-02-23	3,4
	Blyulfokromat (C.I. gul 34)	1344-37-2	215-693-7	C, R				3,4
	Zinkkromat (VI) hydroxid	49663-84-5	256-418-0	C		Ytbeläggning	2012-01-03	3
	Natriumkromat	7775-11-3	231-889-5	C, R, T, M			2008-11-18	3,4
	Ammoniumdikromat	7789-09-5	232-143-1				2010-10-20	3,4

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Metaller (forts.)	Kadmium	7444-43-9	231-152-8	C	Batterier, ytbehandlade metallvaror av järn, stål, mässing, och aluminium. I lödningar.	Batterier, ytbehandlade metallvaror av järn, stål, mässing, och aluminium.	2013-06-20	3
	Kadmiumoxid	1306-19-0	215-146-2	C	Tillverkning av andra kadmiumföreningar	Laboratoriekemikalie	2013-06-20	3
	Kaliumdikromat	7778-50-9	231-906-6				2013-06-20	3,4
	Kaliumkromat	7789-00-6	232-140-5	C, T, M			2013-06-20	3,4
	Zink kaliumkromat hydroxid	11103-86-9	234-329-8	C, M, R			2011-07-05	3
	Nickel	7440-02-0	231-111-4	A	Gäller ytbeläggningar på fästelement och övriga artiklar som överskrider gränsvärdet för urlakning av nickel (0,5 µg nickel/cm ² /vecka). Testmetoder för bestämning av urlakning EN 1811+A1:2008 och EN 12472:2005	Ytbehandling	2002-08-15	5
	Kobolt(II)sulfat	10124-43-3	233-334-2	C, R		Råmaterial pigment, ytbehandling, batterier	2011-01-05	3
	Kobolt(II)nitrat	10141-05-6	233-402-1	C, R		Råmaterial katalysator, ytbehandling, batterier		3
	Kobolt(II)karbonat	513-79-1	208-169-4	C, R		Råmaterial katalysator		3

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Metaller (forts.)	Kobolt(II)acetat	71-48-7	200-755-8	C, R		Katalysator, ytbehandling, pigment		3
	Blyacetat, basisk	51404-69-4	257-175-3	R		Laboratoriekemikalie, beläggning och färger	2012-12-19	3
	Bly antimon, gul pyroklor	8012-00-8	232-328-1	R		Färg, pigment, bläck toner		3
	Bly-bis(tetrafluoroborat)	13814-96-5	237-486-0	R		Ytbehandling, galvanisering, laboratoriekemikalie	2012-12-19	3
	Blycyanamidat	20837-86-9	244-073-9	R			2012-12-19	3
	Blydinitrat	10099-74-8	233-245-9	R	Stabilisatorer till PVC	Plastvaror	2012-12-19	3
	Blykarbonat, basiskt	1319-46-6	215-290-6	C	Pigment i färg		2012-12-19	3,5
	Blymonoxid	1317-36-8	215-267-0	R	Stabilisatorer, pigment, råvara för glas och keramik tillverkning	Blybatterier, glas och keramik	2012-12-19	3
	Blyoxidsulfat	12036-76-9	234-853-7	R	Stabilisatorer till PVC	Plastvaror	2012-12-19	3
	Blyoxidsulfat, Tetrablytrioxid-sulfat	12202-17-4	235-380-9	R	Färg och lack, stabilisatorer till PVC	Plastvaror, blybatteri	2012-12-19	3
	Blysilikat	11120-22-2	234-363-3	R		Glas och keramikvaror	2012-12-19	3
	Blysulfit, dibasisk	62229-08-7	263-467-1	R	Stabilisatorer till PVC	Plastvaror	2012-12-19	3
	Blytetraoxid, blymönja	1314-41-6	215-235-6	R	Pigment, stabilisatorer	Blybatterier, glas och keramik, gummi och plastvaror	2012-12-19	3

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Metaller (forts.)	Blytitantrioxid	12060-00-3	235-038-9	R		Halvledare, datorer, elektriska och optiska produkter	2012-12-19	3
	Blytitan- zirkoniumoxid	12626-81-2	235-727-4	R		Elektroniska produkter	2012-12-19	3
	Dibutyltenndiklorid	683-18-1	211-670-0	R	Gummitillverkning	Gummivaror	2012-12-19	3
	Fettsyror, C16-18, blysalter	91031-62-8	292-966-7	R	Stabilisatorer till PVC	Plastvaror	2012-12-19	3
	Kiselsyra, bariumsalt (1:2), blydopat	68784-75-8	272-271-5	R	Färg	Beläggning i glödlampor	2012-12-19	3
	Pentablytetraoxidsulfat Blyulfat, tetrabasiskt	12065-90-6	235-067-7	R	Stabilisatorer till PVC	Plastvaror, blybatterier	2012-12-19	3
	Tetraetylby	78-00-2	201-075-4	R	Drivmedel		2012-12-19	3
	Triblydioxidfosfonat	12141-20-7	235-252-2	R	Stabilisatorer till PVC	Plastvaror		3
	Triblydioxobis- (stearat)	12578-12-0	235-702-8	R				3
	Kadmiumklorid	10108-64-2	233-296-7	C, M, R	Industri- och laboratoriekemikalie, som bland annat används vid ytbehandling och vid tillverkning av andra kadmiumföreningar		2014-06-16	3
	Kadmiumfluorid	7730-73-6	232-222-0	C, M, R	Används vid tillverkning av andra kadmiumföreningar	Industri- och laboratoriekemikalie som bl.a. används vid ytbehandling	2014-12-07	3

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Mjukgörare	Butylbensylftalat	85-68-7	201-622-7	E, R		Plast, gummi, lim, lack	1998-02-26	3,4,5
	Dibutylftalat	84-74-2	201-557-4	E, R				3,4,5
	Dimetylftalat	131-11-3	205-011-6	T		Härdare, lack		
	Di(2-etylhexyl)ftalat DEHP	117-81-7	204-211-0	E, R		PVC, gummi, färg	2004-02-24	3,4,5
	1,2-Bensendikarboxylsyra, di(grenade C6-C8) alkylftalater	71888-89-6	276-158-1	R		PVC, färg	2011-07-05	3
	Dioktylftalat DOP	117-84-0	204-214-7	E		Gummi	2002-08-15	5
	Di(metoxetyl)ftalat DEMP	117-82-8	204-212-6	R				
	Diisobutylftalat	84-69-5	201-553-2	R		Plast, lim/fogmassa, färg	2010-02-23	3
	Trikloretlyfosfat (-2)	115-96-8	204-118-5	R		Additivt flamskydds-medel ex plast	2010-02-23	3, 4
	Dihexylftalat, DHP	84-75-3	201-559-5	R	Varor av PVC-plast	Varor av PVC-plast	2013-12-16	3
	Dipentylftalat (DPP)	131-18-0	205-017-9	R	Mjukgörare i PVC-plast		2013-06-20	3
	1,2-Bensendikarboxylsyra, di(grenade och raka C7-C11) alkylftalater	68515-42-4	271-084-6	R		PVC	2011-07-05	3
	Hexahydrometylftalsyra anhydrid	25550-51-0	247-094-1				2012-12-19	3
	Hexahydro-4-metylftalsyra-anhydrid	19438-60-9	243-072-0				2012-12-19	3
	Hexahydro-1-metylftalsyra-anhydrid	48122-14-1	48122-14-1				2012-12-19	3

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Mjukgörare (forts.)	Hexahydroftalsyra anhydrid	85-42-7	201-604-9				2012-12-19	3
	Hexahydro-3-metylfthalsyra-anhydrid	57110-29-9	260-566-1				2012-12-19	3
	1,2-Benzendikarboxylsyrahexylester, grenad och rak,	68515-50-4	271-093-5	R	Mjukningsmedel i PVC-plast. Förekommer i råvaror till plast, utfyllnadsmedel/ tättningsmedel, stabilisator i motorolja och smörjolja	Kan förekomma i varor av mjukgjord plast, textil	2014-06-16	3
	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)	271-094-0 272-013-1	68515-51-5 68648-93-1	R		Mjukgörare och smörjmedel, inklusive användning i lim, beläggningar, byggmaterial och konstnärsmaterial.	2015-06-15	3
Syror	Fluorvätesyra (HF)	7664-39-3	231-634-8	T		Betmedel, etsning	1998-02-26	
	Metoxiättiksyra	625-45-6	210-894-6	R	Kalkborttagningsmedel		2012-12-19	3
Tensider	DHTDMAC	61789-80-8	263-090-2	E		Mjukgörningsmedel	1998-02-26	
	DSDMAC	107-64-2	203-508-2	E		Sköljmedel		
	DTDMAC	68783-78-8	272-207-6	E		Bilvårdsprodukter		

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Tillsatsämnen (forts.)	4-(1,1,3,3-Tetrametylbutyl) fenol, etoxilerad, tert-Oktylfenoletoxilat (täcker väldefinierade ämnen och UVCB-ämnen, polymerer och homologer)	-	-		Färger, fogmassa, vax, polish	Ytbelagda metallvaror	2012-12-19	3
	Akrylamid	79-06-01	201-173-7	C, A, T M		Vattenbehandling, plast	2010-05-07	3
	Difenylamin	122-39-4	204-539-4	E, T		Smörjmedel	1998-02-26	
	Natriumnitrit	7632-00-0	231-555-9	(C), T	Tillåten halt max 1%. Nitrit kan bilda cancerogena nitrosaminer vid kontakt med sekundära aminer	Rostskydd	1998-02-26	
	4-(1,1,3,3-tetrametylbutyl)fenol, (4-tert-Oktylfenol)	140-66-9	205-426-2				2012-01-03	3
	Formaldehyd, polymer med bensenamin	25214-70-4	500-036-1	C				3
	Fenolftalein	77-09-8	201-004-7	C				3
	2-Metoxibensenamin	90-04-0	201-963-1	C				3
	2,2 -diklor-4,4'-metylendianilin (MOCA)	101-14-4	202-918-9	C				3
	Sekundära aminer	111-42-2 110-91-8 101-83-7 110-85-0	203-868-0, 203-815-1, -, 203-808-3	(C)	Sekundära aminer kan bilda cancerogena nitrosaminer vid kontakt med nitriter.	Rostskydd	2007-10-17	
	Perfluoroktansulfonat (PFOS)	Flera		E		Impregneringsmedel		
	Antracen	120-12-7	204-371-1	E		Fyllmedel Carbon Black	2008-11-18	3

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Tillsatsämnen (forts)	4-Aminoazobenzen	60-09-3	200-453-6	C	Råmaterial, används som mellanprodukt för framställning av pigment	Textil	2012-12-19	3
	[1,2-Benzen-dikarboxylato-(2-)]dioxotribyl	69011-06-9	273-688-5	R	Stabilisatorer till PVC	Gummivaror, plastvaror	2012-12-19	3
	3-Etyl-2-metyl-2-(3-metylbutyl)-1,3-oxazolidin	143860-04-2	421-150-7	R			2012-12-19	3
	Propylenoxid Metyloxiran	75-56-9	200-879-2	C, M	Till ytaktiva ämnen		2012-12-19	3
	Ammonium penta-dekafluoroktanat (APFO)	3825-26-1	223-320-4	R	Fotografisk industri, tillverkning av halvledare. Impregneringsmedel, golvvax, färg. Processkemikalie vid tillverkning av polytetrafluoroetylen (PTFE) och polyvinylidenfluorid (PVDF).		2012-12-19	3
	Pentadekafluor-oktansyra Perfluoroktansyra (PFOA)	335-67-1	206-397-9	R	Fotografisk industri, tillverkning av halvledare. Impregneringsmedel, golvvax, färg, skidvalla. Processkemikalie vid tillverkning av poly-tetrafluoro-etylen (PTFE) och polyvinylidenfluorid (PVDF).	Textilier, mattor, möbelstoppning, papper	2012-12-19	3

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Tillsatsämnen (forts)	Trixylylfosfat	25155-23-1	246-677-8	R		Kan förekomma i smörjmedel och transmissionsmedel	2013-12-16	3
	Kadmiumsulfid	1306-23-6	215-147-8	C	Varor av glas, keramik och plast.	Tillsatsmedel vid tillverkning av glas-massa och glas. Tillverkning av oorganiska pigment, organiska kadmiumföreningar. Laboratoriekemikalie	2013-12-16	3
	4,4'-Isopropylidendifenol (Bisfenol A) Difenylopropan	80-05-7	201-245-8	R		Tillverkning av polykarbonat epoxihartser och kemikalier; hårdare i epoxihartser	2017-01-12	3
	Decanoic acid, nonadecafluoro-, ammonium salt	335-76-2 3830-45-3 3108-42-7	206-400-3 - 221-470-5	R PBT		Smörjmedel, vätmedel, mjukgörare och korrosionsinhibitor	2017-01-12	3
	4-tert-Amylfenol	80-46-6	201-280-9	R		Tillverkning av kemikalier och plastprodukter	2017-01-12	3
	4-heptylfenol grenad och linjär (PTAP)	-	-	R		Tillverkning av polymerer; formulering i smörjmedel	2017-01-12	3

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Tillsatsämnen (forts)	Perfluorohexan-1-sulphonsyra och dess salter (PFHxS)	Flera	Flera	vPvB		Komponent i flamskyddsmedel Ytaktivt medel Tillverkning av fluorpolymerer Vatten och fläckskyddsbeläggning för mattor, papper och textilier	2017-07-07	3
Övrigt	5-tert-butyl-2,4,6-trinitro-m-xylen (myskxylen)	81-15-2	201-329-4	E		Doftämne	2008-11-18	3, 4
	Dinitrotoluen (2,4-)	121-14-2	204-450-0	C		Polyuretan (PUR) Sprängämne (Airbag)	2010-02-23	3, 4
	Bornatriumoxidhydrat	12267-73-1	235-541-3	R		Skärvätska	2010-10-20	3
	Natriumborat	1303-96-4, 1330-43-4, 12179-04-3	-, 215-540-4, -			Tvättvätska	2010-10-20	3
	Borsyra	10043-35-3, 11113-50-1	233-139-2, 234-343-4	R		Skärvätska, tvättvätska		3
	Hydrazin	302-01-2 7803-57-8	206-114-9, -	C		Rostskydd	2011-07-05	3
	Azodikarbonamid	123-77-3	204-650-8		Råvara för tillverkning av gummi och plast	Gummi och plastvaror	2012-12-19	3

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Grupp	Ämnesnamn	CAS-Nr ¹⁾	EG-nr ¹⁾	Risk ²⁾	Tillämpning	Exempel på typ eller användningsområde	Införande-datum	Fot-not
Övrigt (forts.)	1,2-Benzendikarbox-ylsyradipentylester, grenad och rak, n-Pentyl-isopentylftalat, Dipentylftalat	84777-06-0	284-032-2	R	Sprängämnen, flegmatiseringsmedel		2012-12-19	3
	Diisopentylftalat Diamylftalat	605-50-5	210-088-4	R		Sprängämnen	2012-12-19	3
	Heneikosafluor undekansyra	2058-94-8	218-165-4	vPvB			2012-12-19	3
	Heptakosafluortetradekansyra	376-06-7	206-803-4	vPvB			3	
	N-Metylacetamid	79-16-3	201-182-6	R	Laboratoriekemikalie		2012-12-19	3
	Pentakosa fluortridekansyra	72629-94-8	276-745-2	vPvB			2012-12-19	3
	N-pentyl-isopentyl-ftalat	776297-69-9	-	R			2012-12-19	3
	Trikosafluor- dodekansyra	307-55-1	206-203-2	vPvB			3	
	Imidazolidin-2-tion Etylentiourea	96-45-7	202-506-9	R	Gummivaror.		Används vid gummitillverkning	2013-12-16
	Natriumperborat; perborsyra, natriumsalt	15120-21-5 11138-47-9	239-172-9 234-390-0	R	Kan förekomma i kosmetiska produkter	Blekmedel i tvätt- och maskindiskmedel	2014-06-16	3
	Natriumperoxometaborat	7632-04-04	231-556-4	R				3
	2-(2H-Bensotriazol-2-yl)-4,6-bis(1,1-dimetylpropyl)fenol	25973-55-1	247-384-8	PBT, vPvB	Kan förekomma som UV-absorbent i varor av plast	UV-absorbent, råvara plasttillverkning. Förekommer i bl.a. färger och lim	2014-12-17	3

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Grupp	Ämnesnamn	CAS-Nr ¹⁾	EG-nr ¹⁾	Risk ²⁾	Tillämpning	Exempel på typ eller användningsområde	Införande-datum	Fot-not
Övrigt (forts.)	Reaktionsmassan av 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate och 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)	-	-	R	Kan förekomma som stabilisator i varor av plast	Stabilisator	2014-12-17	3
	Dioktyltennbis(2-ethylhexyl-merkaptoacetat)	15571-58-1	239-622-4	R		Stabilisator	2014-12-17	3
	2-(2H-benzotriazol-2-yl)-4,6-bis(1,1-dimetyletyl)fenol	3846-71-7	223-346-6	PBT, vPvB	Kan förekomma som UV-absorbent i varor av plast	UV-absorbent	2014-12-17	3
	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 stereoisomers of [1] and [2] or any combination thereof]	-	-	vPvB		Doftingrediens	2015-06-15	3
	1,3-propane sultone	1120-71-4	214-317-9	C		Elektrolytisk vätska i litiumjon-batterier	2015-12-17	3
	2-(5-klor-2H-benzotriazol-2-yl)-4,6-bis(1,1-dimetyletyl)fenol (UV-327)	3864-99-1	223-383-8	vPvB		UV-skydd i bland annat plast och gummi.	2015-12-17	3

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Grupp	Ämnesnamn	CAS-Nr ¹⁾	EG-nr ¹⁾	Risk ²⁾	Tillämpning	Exempel på typ eller användningsområde	Införande-datum	Fot-not
Övrigt (forts.)	2-(3-sec-butyl-2-hydroxy-5-tert-butylphenyl)benzotriazole (UV-350)	36437-37-3	253-037-1	vPvB		UV-skydd i bland annat plast och gummi.	2015-12-17	3
	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1, 21049-39-8, 4149-60-4	206-801-3	R, PBT		Används främst som processhjälpmedel för tillverkning av bland annat fluorpolymerer och lcd-paneler.	2015-12-17	3
	benz[def]krysen (benz[a]pyren)	50-32-8	200-028-5	CMR, PBT, vPvB		Ämnet tillverkas normalt sett inte avsiktligt men kan förekomma som komponent eller förorening i andra ämnen.	2016-06-20	3

Fotnoter:

- 1) CAS-nr = Chemical Abstract Service-nummer. Internationellt använd för att identifiera kemiska ämnen. EG-nummer används för kemiska ämnen på marknaden inom EU.
- 2) A = Allergi, C = Cancer, T = Toxiskt, E = Miljöfarligt, N = Neurotoxiskt, O = Ozonnedbrytande, R = Reproduktionsstörande, PBT = Persistent, Bio-ackumulerande och Toxisk, vPvB = Mycket Persistent och mycket Bio-ackumulerande
- 3) Särskilt farligt ämne som finns i kandidatlistan av REACH (förordning (EG) nr 1907/2006).
- 4) Authorisation List, which are under authorization by Annex XIV to REACH Regulation with Application Date and Sunset Date
- 5) Restriction List, which are restricted by Annex XVII to REACH Regulation)

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7 Ämnesförteckning (Engelsk version)

För svensk version se sidan 5.

7 List of substances (English version)

For Swedish version see page 5.

Group	Substance Name	CAS No ¹⁾	EC no. ¹⁾	Hazard ²⁾	Application	Example of type or area of use	Inclusion date	Foot-note
Biocides	Chlorocresol (meta-)	59-50-7	200-431-6	E, A	This standard applies to every deliberate addition of Biocides listed Concentration limit is 0 %	Lubricants, paints, cutting fluids	1998-02-26	
	Chlorocresol (ortho-)	1570-64-5	216-381-3	E (probably)				
	Chloromethyl isothiazolinone	26172-55-4	247-500-7	A		Aqueous solutions, cutting fluids, paints		
	Methyl isothiazolinone	2682-20-4	220-239-6	A				
	Kathon CG	55965-84-9	-	A				
	Diboron trioxide	1303-86-2	215-125-8	R		Paints, varnish, printing ink, detergent, flame retardant, catalyst	2012-06-18	3
	Thiram (TMTD, Tetramethylthiuram disulfide)	137-26-8	205-286-2	A, E		Paint Cleaning agents	1998-02-26	
	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	201-861-7	R		Manufacturing polyacrylamide	2012-12-19	3

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Group	Substance Name	CAS No ¹⁾	EC no. ¹⁾	Hazard ²⁾	Application	Example of type or area of use	Inclusion date	Foot-note
Fibers	Aluminosilicate Refractory Ceramic Fibres			C	The fibres are covered by index number 650-017-00-8 in Annex VI, part 3, table 3.2 of Regulation (EC) No 1272/2008.	High temperature insulation and fire protection	2010-02-23	3
	Aluminosilicate Refractory Ceramic Fiber (RCF)			C			2012-01-03	3
	Zirconis Aluminosilicate Refractory Ceramic Fiber (Zr-RCF)			C				3
	Zirconia Aluminosilicate, Refractory Ceramic Fibers			C			2010-02-23	3
Flame retardants	Brominated Flame retardants (not PBB or PBDE)	Several		E	STD4158 applies for PBB + PBDE	Textiles Plastics	1998-02-26	
	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified	25637-99-4	247-148-4	E			2008-11-18	3, 4
	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified	3194-55-6	221-695-9	E				3, 4
	α – HBCDD	134237-51-7						3, 4
	β – HBCDD	134237-50-6						3, 4
	γ – HBCDD	134237-52-8						3, 4

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Group	Substance Name	CAS No ¹⁾	EC no. ¹⁾	Hazard ²⁾	Application	Example of type or area of use	Inclusion date	Foot-note
Flame retardants (cont.)	Triphenyl phosphate	115-86-6	204-112-2	A		Antioxidant Flame retardant	1998-02-26	
HCFC compounds	HCFC 141 b	1717-00-6	404-080-1	O	HCFC used as blowing agent in foam or as solvent is covered by STD4158. HCFC used as cooling agent is covered by STD4159.	Cooling agent	1998-02-26	
	HCFC 142 b	75-68-3	200-891-8	O				
	HCFC 22	75-45-6	200-871-9	O				
	R404A and R507	Several	Several	O	Refrigerants with Global Warming Potential (GWP) greater than or equal to 2500 will be banned from 2020. GWP was developed to allow comparisons of the global warming impacts of different gases	Cooling agent	2017-07-11	
Dyes	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	C	Textile and leather goods	Colouring agent for textile and leather	2013-12-16	3

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Group	Substance Name	CAS No ¹⁾	EC no. ¹⁾	Hazard ²⁾	Application	Example of type or area of use	Inclusion date	Foot-note
Dyes (cont.)	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	C				3
	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	C	Used in the formulating of ink and manufacturing of other colours.		2012-06-18	3

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Group	Substance Name	CAS No ¹⁾	EC no. ¹⁾	Hazard ²⁾	Application	Example of type or area of use	Inclusion date	Foot-note
Dyes (cont.)	[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	C	Used in the formulating of ink and cleaning agent.		2012-06-18	3
	[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)]	584-62-9	208-953-6	C	Is mainly used for dyeing paper and paint for cartridges			3
	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	C	Used mainly in the formulation of printing- and writing ink and as windscreen cleaner	Printing- and writing ink, windscreen cleaner		3
	Cadmium sulphate	10124-36-4, 31119-53-6	233-331-6	C, M, R	Used in the manufacture of other cadmium compound	Can occur as a colorant in goods of plastics	2014-12-17	3

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Group	Substance Name	CAS No ¹⁾	EC no. ¹⁾	Hazard ²⁾	Application	Example of type or area of use	Inclusion date	Foot-note
Hardeners	Toluene diisocyanate (2,4-)	584-84-9	209-544-5	A (<i>asthma</i>), C,		PUR foams Adhesives	1998-02-26	
	Toluene diisocyanate (2,6-)	91-08-07	202-039-0	A,C				
	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazine-2,4,6-trione (TGIC) Triglycidylisocyanurate	2451-62-9	219-514-3	T, M	Curing agent, Coating and laminating, Printing ink, screen printing	Powder paints	2002-08-15	3
	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	M	Plastic goods (softener)		2012-06-18	3
Intermediate	o-aminoazotoluene	97-56-3	202-591-2	C	Dyes, pigments	Textile	2012-12-19	3
	Diethyl sulphate	64-67-5	200-589-6	C, M				3
	Dimethyl sulphate	77-78-1	201-058-1	C				3
	4,4'-oxydianiline and its salts	101-80-4	202-977-0	C, M				3
	6-methoxy-m-toluidine (p-cresidine)	120-71-8	204-419-1	C	Intermediate for production of pigments	Textile		3
	o-Toluidine	95-53-4	202-429-0	C	Intermediate for dyes			3
	Formamide	75-12-7	200-842-0	R	Mainly used as an intermediate in the manufacturing of industrial chemicals		2012-06-18	3

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Group	Substance Name	CAS No ¹⁾	EC no. ¹⁾	Hazard ²⁾	Application	Example of type or area of use	Inclusion date	Foot-note
Intermediate <i>(cont.)</i>	4,4'-bis(dimethylamino) benzophenone (Michler's ketone)	90-94-8	202-027-5	C	Intermediate for the manufacturing of paint and colouring agent.		2012-06-18	3
	4,4'-methylenedi-o-toluidine	838-88-0	212-658-8	C			2012-12-19	3
	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	202-959-2	C	Intermediate for the manufacturing of paint and colouring agent.		2012-06-18	3
	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	202-453-1	C	Intermediate for production of pigments and toluene diisocyanate	Textile	2012-12-19	3
Complex mixtures	Anthracene oil	90640-80-5	292-602-7	C E		Manufacturing of anthracene and carbon black	2010-02-23	3, 5
	Anthracene oil, anthracene paste, distr. Lights	91995-17-4	295-278-5	C, T, M, E				3
	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9	C, T, M, E				3
	Anthracene oil, anthracene-low	90640-82-7	292-604-8	C, T, M, E				3
	Anthracene oil, anthracene paste	90640-81-6	292-603-2	C, T, M, E				3

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Group	Substance Name	CAS No ¹⁾	EC no. ¹⁾	Hazard ²⁾	Application	Example of type or area of use	Inclusion date	Foot-note
Complex mixtures (cont.)	Colophony (rosin)	8050-09-7 8052-10-6 73138-82-6	232-475-7, 232-484-6, 277-299-1	A	Maximum concentration allowed is 1%	Adhesives, paints, cutting fluids	2002-08-15	
	Creosote	8001-58-9 and others	232-287-5	C, E		Distillation product	1998-02-26	5
	Pitch, coal tar, high temp	65996-93-2	266-028-2	C, E		Steel construction, rubber, electrodes	2010-02-23	3
	Coal tar	8007-45-2 65996-91-0 and others	232-361-7, 266-026-1	C		Filler	2002-08-15	
	1,2,3-Trichloropropane	96-18-4	202-486-1	C, R			2011-07-05	3
Solvents	Dichloroethane (1,2-)	107-06-2	203-458-1	C		Additive for fuels	1998-02-26	3
	Hexane (n-)	110-54-3	203-777-6	N		Solvent		
	Chloroform	67-66-3	200-663-8	C, R				3
	Bis(2-methoxyethyl) ether	111-96-6	203-924-4	R			2012-01-03	3
	N,N dimethylacetamide (DMAC)	127-19-5	204-826-4	R				3
	2-Methoxy-1-propanol	1589-47-5	216-455-5	R	Maximum concentration allowed is 0.5 %	Solvent	2002-08-15	

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Group	Substance Name	CAS No ¹⁾	EC no. ¹⁾	Hazard ²⁾	Application	Example of type or area of use	Inclusion date	Foot-note
Solvents (cont.)	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	203-977-3	R	Processing aid in the manufacture and formulating of industrial chemicals.		2012-06-18	3
	Limonene	138-86-3 5989-27-5 5989-54-8 6876-12-6 7705-14-8	205-341-0, 227-813-5, 227-815-6, 229-977-3, 231-732-0	A, E	Maximum concentration allowed is 1 %	Solvent	1998-02-26	
	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9	R	Processing aid in the manufacture and formulating of industrial chemicals		2012-06-18	3
	Trichloroethylene	79-01-6	201-167-4	C		Solvent	1998-02-26	3, 4
	1-Methyl-2-pyrrolidone	872-50-4	212-828-1	R			2011-07-05	3
	1-bromopropane (n-propyl bromide)	106-94-5	203-445-0	R			2012-12-19	3
	1,2-Diethoxyethane	629-14-1	211-076-1	R				3
	N,N-dimethylformamide	68-12-2	200-679-5	R				3
	Furan	110-00-9	203-727-3	C				3
	Nitrobenzene	98-95-3	202-716-0	R		Manufacture of other substances	2015-12-17	3

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Group	Substance Name	CAS No ¹⁾	EC no. ¹⁾	Hazard ²⁾	Application	Example of type or area of use	Inclusion date	Foot-note
Metals	Arsenic compounds	Several		N, C, E		Wood preservative, drying agent	1998-02-26	
	Arsenic trioxide	1327-53-3	215-481-4	N, C, E			2008-11-18	3, 4
	Arsenic pentoxide	1303-28-2	215-116-9	N, C, E				3, 4
	Triethyl arsenate	15606-95-8	427-700-2	N, C, E				3
	Lead hydrogen arsenate	7784-40-9	232-064-2	N, C, E				3
	Arsenic acid	7778-39-4	231-901-9	C			2012-01-03	3
	Calcium arsenate	7778-44-1	231-904-5	C				3
	Trilead diarsenate	3687-31-8	222-979-5	C, R				3
	Lead azide Lead diazide	13424-46-9	236-542-1	R				3
	Lead as an alloying element	Several		E, N		Alloy	2002-08-15	
	Lead styphnate	15245-44-0	239-290-0	R			2012-01-03	3
	Lead dipicrate	6477-64-1	229-335-2	R				3
	Lead and lead compounds	Several		E, N	All electric and electronic products containing more than 0.1g lead/ assembly part must be labelled according to Scania STD3871.		1998-02-26	

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Group	Substance Name	CAS No ¹⁾	EC no. ¹⁾	Hazard ²⁾	Application	Example of type or area of use	Inclusion date	Foot-note
Metals (cont.)	Lead di(acetate)	301-04-2	206-104-4	R	Laboratory Chemicals. May occur in colour, paint removers and solvent.		2013-12-16	3
	Potassiumhydroxy-octaoxodizincatedichromate	11103-86-9	234-329-8	C		Coating	2012-01-03	3
	Dichromium tris (chromate)	24613-89-6	246-356-2	C, M, R	Used in mixtures for metal surf treatment	Surface treatment	2011-07-05	3
	Acids generated from chromium trioxide and their oligomers. Names of the acids and their oligomers: Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid	Several 231-801-5 236-881-5	Several 7738-94-5 13530-68-2			Metal finishing, conversion coatings	2011-01-05	3
	Chromic acid	7738-94-5	231-801-5	C		Metal finishing, conversion coatings	2011-01-05	4
	Dichromic acid	13530-68-2	236-881-5	C				4
	Lead(II) bis(methanesulfonate)	17570-76-2	401-750-5	R	Coating in the manufacturing of electronic components		2012-06-18	3
	Sodium chromate	7775-11-3	231-889-5	C, R, T, M		Surface treatment	2008-11-18	3,4
	Ammonium dichromate	7789-09-5	232-143-1	C, R, T, M			2010-10-20	3,4

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Group	Substance Name	CAS No ¹⁾	EC no. ¹⁾	Hazard ²⁾	Application	Example of type or area of use	Inclusion date	Foot-note
Metals (cont.)	Chromium trioxide	1333-82-0	215-607-8	C		Metal finishing, conversion coatings	2011-01-05	3,4
	Sodium dichromate dihydrate	7789-12-0 10588-01-9	- , 234-190-3	C, R		Surface treatment, raw material for pigment	2008-11-18	3, 4
	Chromium (VI) compounds	Several		A, C, E	For surface treated threaded fasteners and other components limit value is 0.3 µg/cm ² when tested according to Swedish standard SS2392. For other components and processes the general concentration limit of 0.1 % is to be followed.	Surface treatment, pigment	1998-02-26	
	Strontium chromate	7789-06-02	232-142-6	C		Pigment		3
	Zinc chromate	13530-65-9	236-878-9					
	Cobalt dichloride	7646-79-9	231-589-4	C, R		Catalyst	2008-11-18	3
	Lead chromate molybdate sulphate C.I. Pigment Red 104	12656-85-8	235-759-9	C, R		Paint (Pigment)	2010-02-23	3,4
	Lead sulfochromate C.I Pigment Yellow 34	1344-37-2	215-693-7	C, R			2010-02-23	3,4

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Group	Substance Name	CAS No ¹⁾	EC no. ¹⁾	Hazard ²⁾	Application	Example of type or area of use	Inclusion date	Foot-note
Metals (cont.)	Pentazinc chromate octahydroxide	49663-84-5	256-418-0	C		Surface treatment	2012-01-03	3
	Cadmium	7444-43-9	231-152-8	C	Batteries, coated metal products of iron, steel, brass or aluminium. In soldering	Batteries, coated metal products of iron, steel, brass or aluminium. In soldering	2013-06-20	3
	Cadmium oxide	1306-19-0	215-146-2	C	Manufacturing of other cadmium compounds	Laboratory chemicals		3
	Lead bis(tetrafluoroborate)	13814-96-5	237-486-0	R		Surface treatment, electro plating, laboratory chemicals	2012-12-19	3
	Potassium chromate	7789-00-6	232-140-5	C, T, M			2010-10-20	3,4
	Potassium dichromate	7778-50-9	231-906-6					3,4
	Potassium zinc chromate hydroxide	11103-86-9	234-329-8	C, M, R			2011-07-05	3
	Nickel	7440-02-0	231-111-4	A	Only applicable to component surface treatment exceeding the limit values for Nickel release (0,5µg Nickel/cm2/week) Test methods are EN 1811+A1:2008 and EN 12472:2005.	Surface treatment	2002-08-15	5

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Group	Substance Name	CAS No ¹⁾	EC no. ¹⁾	Hazard ²⁾	Application	Example of type or area of use	Inclusion date	Foot-note
Metals (cont.)	Cobalt(II) sulphate	10124-43-3	233-334-2	C, R		Raw material for pigments, surface treatments, batteries.	2011-01-05	3
	Cobalt(II) dinitrate	10141-05-6	233-402-1	C, R		Raw material for catalysts, surface treatment, batteries.		3
	Cobalt (II) carbonate	513-79-1	208-169-4	C, R		Raw material catalysts.		3
	Cobalt(II) diacetate	71-48-7	200-755-8	C, R		Catalyst, surface treatments, pigments		3
	Acetic acid, lead salt, basic	51404-69-4	257-175-3	R		Laboratory chemicals, surface treatment and paint	2012-12-19	3
	Pyrochlore, antimony lead yellow	8012-00-8	232-328-1	R		Paint, pigments, ink toner		3
	Lead cyanamidate	20837-86-9	244-073-9	R				3
	Lead dinitrate	10099-74-8	233-245-9	R	Stabilizers for PVC	Plastic products		3
	Trilead bis(carbonate)dihydroxide	1319-46-6	215-290-6	C	Pigment in paint			3,5
	Trilead bis(carbonate)dihydroxide	1317-36-8	215-267-0	R	Stabilizers, pigment, raw material for glass and ceramic manufacturing	Lead batteries, glass and ceramics		3

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Group	Substance Name	CAS No ¹⁾	EC no. ¹⁾	Hazard ²⁾	Application	Example of type or area of use	Inclusion date	Foot-note
Metals (cont.)	Lead oxide sulfate	12036-76-9	234-853-7	R	Stabilizers for PVC	Plastic products	2012-12-19	3
	Tetralead trioxide sulphate	12202-17-4	235-380-9	R	Paint and varnish, Stabilizers for PVC	Plastic products, Lead batteries		3
	Silicic acid, lead salt	11120-22-2	234-363-3	R		Glass and ceramics		3
	Sulfurous acid, lead salt, dibasic	62229-08-7	263-467-1	R	Stabilizers for PVC	Plastic products		3
	Orange lead (lead tetroxide)	1314-41-6	215-235-6	R	Pigment, Stabilizers	Lead batteries, glass and ceramics, rubber and plastic products		3
	Lead titanium trioxide	12060-00-3	235-038-9	R		Semiconductors, computers, electric and optical products		3
	Lead titanium zirconium oxide	12626-81-2	235-727-4	R		Electronic products		3
	Dibutyltin dichloride (DBTC)	683-18-1	211-670-0	R	Rubber manufacturing	Rubber products		3
	Fatty acids, C16-18, lead salts	91031-62-8	292-966-7	R	Stabilizers for PVC	Plastic products		3
	Silicic acid, barium-salt (1:2), lead-doped	68784-75-8	272-271-5	R	Paint	Coating of bulbs		3
	Pentalead tetraoxide sulphate	12065-90-6	235-067-7	R	Stabilizers for PVC	Plastic products, Lead batteries		3

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Group	Substance Name	CAS No ¹⁾	EC no. ¹⁾	Hazard ²⁾	Application	Example of type or area of use	Inclusion date	Foot-note
Metals <i>(cont.)</i>	Tetraethyllead	78-00-2	201-075-4	R	Fuel		2012-12-19	3
	Trilead dioxide phosphonate	12141-20-7	235-252-2	R	Stabilizers for PVC	Plastic products		3
	Dioxobis(stearato)trilead	12578-12-0	235-702-8	R				3
	Cadmium chloride	10108-64-2	233-296-7	C, M, R	Industry- and laboratory chemicals, which are used in surface treatment and the manufacture of other cadmium compounds		2014-06-16	3
	Cadmium fluoride	7790-79-6	232-222-0	C, M, R	Used in the manufacture of other cadmium compounds	Industrial and laboratory chemicals, used e.g. in surface treatment	2014-12-17	3
Plasticizers	Butyl benzyl phthalate	85-68-7	201-622-7	E, R		Plastics, rubber, adhesives, paints	1998-02-26	3,4,5
	Dibutyl phthalate	84-74-2	201-557-4	E, R				3,4,5
	Dimetyl phthalate	131-11-3	205-011-6	T				Hardeners, paints
	Di(2-ethylhexyl)phtalate, DEHP	117-81-7	204-211-0	E, R		Plastics (PVC), rubber, paint	2004-02-24	3,4,5
	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	276-158-1	R,		PVC, Paint	2011-07-05	3
	Diocetylphthalate, DOP	117-84-0	204-214-7	E		Hardeners, paints	2002-08-15	5

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Group	Substance Name	CAS No ¹⁾	EC no. ¹⁾	Hazard ²⁾	Application	Example of type or area of use	Inclusion date	Foot-note
Plasticizers (cont.)	Di(methoxyethyl)phthalate, DEMP	117-82-8	204-212-6	R		Hardeners, paints	2002-08-15	
	Diisobutyl phthalate	84-69-5	201-553-2	R		Plastic, adhesives, sealants, paint	2010-02-23	3
	Trischloroethylphosphate (-2)	115-96-8	204-118-5	R		Flame retardants in textiles and plastic	2010-02-23	3, 4
	Dihexyl phthalate, DHP	84-75-3	201-559-5	R	Parts of PVC plastic	Parts of PVC plastic	2013-12-16	3
	Dipentyl phthalate (DPP)	131-18-0	205-017-9	R	Softener in PVC plastic		2013-06-20	3
	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	271-084-6	R		PVC	2011-07-05	3
	Hexahydromethylphthalic anhydride	25550-51-0	247-094-1				2012-12-19	3
	Hexahydro-4-methylphthalic anhydride	19438-60-9	243-072-0					3
	Hexahydro-1-methylphthalic anhydride	48122-14-1	48122-14-1					3
	Cyclohexane-1,2-dicarboxylic anhydride	85-42-7	201-604-9					3
	Hexahydro-3-methylphthalic anhydride	57110-29-9	260-566-1					3

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Group	Substance Name	CAS No ¹⁾	EC no. ¹⁾	Hazard ²⁾	Application	Example of type or area of use	Inclusion date	Foot-note
Plasticizers (cont.)	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	271-093-5	R	Softener in PVC plastic. Occurs in raw materials for plastics, fillers / sealants, stabilizer in engine oil and lubricating oil	Can occur in articles of plasticized plastic Textile	2014-06-16	3
	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)	271-094-0 272-013-1	68515-51-5 68648-93-1	R		Plasticisers and lubricants, including use in adhesives, coatings, building material, cable compounding, polymer foils, PVC compounds and artist supply.	2015-06-15	3
Acids	Hydrofluoric acid (HF)	7664-39-3	231-634-8	T		Pickling, Etching	1998-02-26	
	Methoxyacetic acid	625-45-6	210-894-6	R	Lime remover		2012-12-19	3
Surface active	DHTDMAC	61789-80-8	263-090-2	E		Softener	1998-02-26	
	DSDMAC	107-64-2	203-508-2	E		Rinsing agent		
	DTDMAC	68783-78-8	272-207-6	E		Vehicle care products		
	4-(1,1,3,3-tetramethyl-butyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	-	-		Paint, sealant, wax, polish	Surface treated metal products	2012-12-19	3

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Group	Substance Name	CAS No ¹⁾	EC no. ¹⁾	Hazard ²⁾	Application	Example of type or area of use	Inclusion date	Foot-note
Additives	Acrylamide	79-06-01	201-173-7	C, A, T, M		Water treatment Plastic	2010-05-07	3
	Diphenylamine	122-39-4	204-539-4	E, T		Lubricants	1998-02-26	
	Sodium nitrite	7632-00-0	231-555-9	(C), T	Maximum allowed concentration is 1%. Nitrite can form carcinogenic nitrosamines if amines are present	Anti-rust agent	1998-02-26	
	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9	205-426-2				2012-01-03	3
	Formaldehyde, oligomeric reaction products with aniline	25214-70-4	500-036-1	C			2012-01-03	3
	Phenolphthalein	77-09-8	201-004-7	C				3
	2-Methoxyaniline	90-04-0	201-963-1	C			2012-01-02	3
	2,2'-dichlor-4,4'-methylenedianiline (MOCA)	101-14-4	202-918-9	C			2012-01-03	3
	Secondary amine	111-42-2 110-91-8 101-83-7 110-85-0	203-868-0, 203-815-1, - , 203-808-3	(C)	Secondary amines can form carcinogenic nitrosamines if nitrites are present	Anti-rust agent	2007-10-17	

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Group	Substance Name	CAS No ¹⁾	EC no. ¹⁾	Hazard ²⁾	Application	Example of type or area of use	Inclusion date	Foot-note
Additives (cont.)	Perfluorooctane sulphonate (PFOS)	Several		E		Impregnation	2007-10-17	
	Anthracene	120-12-7	204-371-1	E		Filling material Carbon Black	2008-11-18	3
	4-Aminoazobenzene	60-09-3	200-453-6	C	Raw material, used as an intermediate for the preparation of pigment	Textile	2012-12-19	3
	[Phthalato(2-)]dioxotrilead	69011-06-9	273-688-5	R	Stabilizers for PVC	Rubber products, plastic products		3
	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	421-150-7	R				3
	Methyloxirane (Propylene oxide)	75-56-9	200-879-2	C, M	To surfactants		2012-12-19	3
	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	223-320-4	R	Photographic industry, the manufacture of semiconductors.			3
	Pentadecafluorooctanoic acid (PFOA)	335-67-1	206-397-9	R	Impregnating agents, floor wax, paint. Process chemicals for production of polytetrafluoroethylene (PTFE) and polyvinylidene fluoride (PVDF).	Textiles, carpets, furniture upholstery, paper		3

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Group	Substance Name	CAS No ¹⁾	EC no. ¹⁾	Hazard ²⁾	Application	Example of type or area of use	Inclusion date	Foot-note
Additives (cont.)	Trixylyl phosphate	25155-23-1	246-677-8	R		Can occur in lubricants and transmission medium	2013-12-16	3
	Cadmium sulphide	1306-23-6	215-147-8	C	Glass, ceramic and plastic	Additives in the manufacture of glass and glass mass. Production of inorganic pigments. Production of organic cadmium compounds. Laboratory Chemicals.		3
	4,4'-isopropylidenediphenol (bisphenol A; BPA)	80-05-7	201-245-8	R		Manufacture of polycarbonate epoxy resins and chemicals; hardener in epoxy resins	2017-01-12	3
	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	335-76-2 3830-45-3 3108-42-7	206-400-3 - 221-470-5	R PBT		Lubricant, wetting agent, plasticiser and corrosion inhibitor	2017-01-12	3
	p-(1,1-dimethylpropyl)phenol	80-46-6	201-280-9	R		Manufacture of chemicals and plastic products	2017-01-12	3

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Group	Substance Name	CAS No ¹⁾	EC no. ¹⁾	Hazard ²⁾	Application	Example of type or area of use	Inclusion date	Foot-note
Additives (cont.)	4-heptylphenol, branched and linear [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]	-	-	R		Manufacture of polymers; formulation into lubricants	2017-01-12	3

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Group	Substance Name	CAS No ¹⁾	EC no. ¹⁾	Hazard ²⁾	Application	Example of type or area of use	Inclusion date	Foot-note
Additives (cont.)	Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	Several	Several	vPvB		Component of fire-fighting foam, surfactants, manufacture of fluoropolymers, water and stain protective coatings for carpets, paper and textiles	2017-07-07	3
Other	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	201-329-4	E		Fragrance	2008-11-18	3, 4
	Dinitrotoluen (2,4-)	121-14-2	204-450-0	C		Paint, Polyurethane foams, Explosive (Airbags)	2010-02-23	3, 4
	Tetraboron disodium heptaoxide, hydrate	12267-73-1	235-541-3	R		Cutting fluids, Cleaning fluids	2010-10-20	3
	Disodium tetraborate, anhydrous	1303-96-4, 1330-43-4, 12179-04-3	-, 215-540-4, -					3
	Boric acid	10043-35-3, 11113-50-1	233-139-2, 234-343-4	R				3
	Hydrazine	302-01-2 7803-57-8	206-114-9, -	C		Anti-rust agent	2011-07-05	3
	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	204-650-8		Raw material for production of rubber and plastics.	Rubber and plastic products	2012-12-19	3

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Group	Substance Name	CAS No ¹⁾	EC no. ¹⁾	Hazard ²⁾	Application	Example of type or area of use	Inclusion date	Foot-note
Other (cont.)	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	284-032-2	R	Explosives, phlegmatizer		2012-12-19	3
	Diisopentylphthalate	605-50-5	210-088-4	R		Explosives		3
	Henicosafuoroundecanoic acid	2058-94-8	218-165-4	vPvB				3
	Heptacosafuorotetradecanoic acid	376-06-7	206-803-4	vPvB				3
	N-methylacetamide	79-16-3	201-182-6	R	Laboratory chemicals			3
	Pentacosafuorotridecanoic acid	72629-94-8	276-745-2	vPvB				3
	N-pentyl-isopentylphthalate	776297-69-9	-	R				3
	Tricosafuorododecanoic acid	307-55-1	206-203-2	vPvB				3
	Imidazolidin-2-tion Etylentiourea	96-45-7	202-506-9	R	Rubber products	Used in rubber manufacturing	2013-12-16	3
	Sodium perborate; perboric acid, sodium salt	15120-21-5 11138-47-9	239-172-9 234-390-0	R	Can be found in cosmetic products	Bleach in laundry and dishwasher detergents	2014-06-16	3
	Sodium peroxometaborate	7632-04-04	231-556-4	R				3
	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	247-384-8	PBT, vPvB	May occur as a UV absorber in goods of plastics	UV absorber. Raw material in the manufacture of plastics. Can occur in for example paint and glue	2014-12-17	3

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Group	Substance Name	CAS No ¹⁾	EC no. ¹⁾	Hazard ²⁾	Application	Example of type or area of use	Inclusion date	Foot-note
Other (cont.)	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)	-	-	R	May occur as a stabilizer in plastic goods	Stabilizers	2014-12-17	3
	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	239-622-4	R			2014-12-17	3
	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	223-346-6	PBT, vPvB	May occur as a UV absorber in goods of plastics	UV absorber	2014-12-17	3
	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 stereoisomers of [1] and [2] or any combination thereof]	—	—	vPvB		Fragrance ingredient	2015-06-15	3

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Group	Substance Name	CAS No ¹⁾	EC no. ¹⁾	Hazard ²⁾	Application	Example of type or area of use	Inclusion date	Foot-note
Other (cont.)	1,3-propanesultone	1120-71-4	214-317-9	C		Electrolyte fluid of lithium ion batteries	2015-12-17	3
	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	223-383-8	vPvB		UV-protection agents in coatings, plastics, rubber and cosmetics	2015-12-17	3
	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	253-037-1	vPvB		UV-protection agents in coatings, plastics, rubber and cosmetics	2015-12-17	3
	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1, 21049-39-8, 4149-60-4	206-801-3	R, PBT		Processing aid for fluoropolymer manufacture/lubricating oil additive/surfactant for fire extinguishers/cleaning agent/textile antifouling finishing agent/polishing surfactant/waterproofing agents and in liquid crystal display panels	2015-12-17	3
	Benzo[def]chrysene, (Benzo[a]pyrene)	50-32-8	200-028-5	CMR, PBT, vPvB		Normally not manufactured intentionally but may occur as a constituent or impurity in other substances.	2016-06-20	3

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Footnotes:

- 1) CAS no = Chemical Abstract Service registration number. Internationally applied index identifying chemical substances. EC-numbers are used on the market within the EU.
- 2) A = Allergy, C = Cancer, T = Toxic, E = Environmentally hazardous, N = Neurotoxic, O = Ozone depletion, R = Reproductive hazards, PBT = Persistent, Bio-accumulative and Toxic, vPvB = Very Persistent and very Bio-accumulative.
- 3) Substance of very high concern listed in Candidate List of REACH (regulation (EC) no. 1907/2006).
- 4) Authorisation List, which are under authorization by Annex XIV to REACH Regulation with Application Date and Sunset Date
- 5) Restriction List, which are restricted by Annex XVII to REACH Regulation)



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8 Tillhörande dokument

Angivna dokument kompletterar denna standard och kräves för standardens tillämpning.

Då utgåva inte angetts gäller senaste utgåva av dokumentet.

8 Appurtenant documents

The documents listed below supplement this standard and are necessary for the application of the standard.

The latest issue of the document applies when the issue has not been stated.

Dokumentbeteckning Document designation	Utgåva Issue	Titel Title
STD3868	–	SCANIA CUSTOMER SPECIFIC REQUIREMENTS
STD3871	–	Material marking on parts - Recycling Materialmärkning på artiklar - Återvinning
STD3901	–	Quality requirements for suppliers of truck bodies and trailers
STD4158	–	Chemical substances which shall not be used - Scania Black list Kemiska ämnen som inte får användas - Scantias svarta lista
STD4230	–	Environmental and Quality Assurance Demands- Supplement to General Purchasing Contracts
STD4248	–	Environmental and quality assurance demands - Supplement to purchase orders and contracts for deliveries to the Buses and Coaches group
STD4321	–	Requirements for suppliers of truck bodies and trailers when stated by Scania Krav för leverantörer av påbyggnader och efterfordon där så anges av Scania.
STD4352	–	Reporting of substances and material composition of product-related parts to IMDS
STD4384	–	Criteria for limitation and reporting of chemical substances (for Scania internal distribution only, endast för Scania-intern spridning)
STD4400	–	Prohibited and restricted substances in Scania's products
EN 1811+A1:2008	–	Reference test method for release of nickel from products intended to come into direct and prolonged contact with the skin
EN 12472:2005	–	Method for the Simulation of Wear and Corrosion of Coated Items



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Annex (informativ) Ändringshistorik

Annex (informative) Change history

STD issue	Changes from previous issue	ECO
35	GHS added to Table 1 in chapter 4 Criteria. HCFC compounds R404A and R507 and Perfluorohexane-1-sulphonic acid and its salts (PFHxS) has been added. New Annex " <i>Change history</i> "	N/A
34	CAS-number for 4,4'-isopropylidenediphenol (bisphenol A; BPA) has been corrected.	N/A
33	Small text adjustment in chapter 4 Criteria. Properties for substance "Triphenylphosphate" have been updated (page 28). Substances <i>4,4'-isopropylidenediphenol (bisphenol A; BPA)</i> , <i>Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts p-(1,1-dimethylpropyl)phenol</i> and <i>4-heptylphenol</i> on the REACH Candidate List has been updated.	N/A
32	Substance <i>Benzo[def]chrysene</i> , (<i>Benzo[a]pyrene</i>) on the REACH Candidate List has been updated.	N/A
31	Editorial changes and changes in chapter 4 (table 1) and 5. Substances <i>Nitrobenzene</i> , <i>1,3-propanesultone</i> , <i>2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)</i> , <i>2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)</i> and <i>Perfluorononan-1-oic-acid and its sodium and ammonium salts</i> on the REACH Candidate List has been updated.	N/A