

**Restricted and declarable substance list**  
Mandatory requirement for suppliers of  
Lufthansa Technik Group and Deutsche Lufthansa AG

**1. Chemical Safety Requirements**

**The supplier must assure compliance with all applicable chemical regulations regarding e.g. but not limited to classification, labelling and packaging, import and use restrictions, substance bans, information or notification requirements.**

**REACH / RoHS / VOC Directive / Biocidal Products Regulation\* Compliance:**

The supplier of materials (chemicals, mixtures and articles) must

- disclose any presence of SVHC, POP, PBT and vPvB substances in CLP compliant Material Safety Data Sheets whereas a concentration is more than 0,1% w/w.
- if this information is readily available or a more stringent threshold exists, also declare SVHC, POP, PBT and vPvB substances in quantities lower than 0.1% weight/weight
- ensure that no volatile substances with carcinogenic, mutagenic, reproductive toxic properties are part of the composition
- disclose VOC quantity (mass per volume)
- ensure under the scope of REACH, that
  - all ingredients are registered / will be registered under the [statutory provisions](#) of this legislation. If this cannot be [guaranteed](#), immediate information has to be provided to Lufthansa Technik Group / Deutsche Lufthansa AG
  - an immediate notification has to be sent to Lufthansa Technik Group / Deutsche Lufthansa AG when substances / products will be phased out or an authorization for the use of these will be required in the future
- ensure RoHS compliance.
- ensure authorization of biocidal products.

Furthermore Lufthansa Technik Group / Deutsche Lufthansa AG – regarding its corporate social responsibility – reserves the right to resign the usage of materials which contain substances listed in the Annex.

**Restricted substances:**

In the Annex substances are listed that are highly regulated and must not be contained in any product delivered to or used at Lufthansa Technik Group / Deutsche Lufthansa AG as

- Carcinogenic, mutagenic, reproductive toxic and toxic (CMRT) substances
- Asbestos
- Persistent, bioaccumulative and toxic (PBT) substances
- Very persistent and very bioaccumulative (vPvB) substances
- Persistent organic pollutants (POP)
- Radioactive Substances
- Ozone depleting substances
- Fluorinated Greenhouse Gases
- Volatile Organic Compounds
- Chelating Agents e.g. EDTA (Ethylene diamine tetraacetic acid), EDTA-Salts, NTA (Nitriloacetic Acid)
- Endocrine disrupting substances

There may be exemptions applicable that require a prior mandatory assessment of feasible technical alternatives and a socio-economic impact analysis. In case your delivery would include a substance listed in the Annex contact the E,H&S department via the following email address: [chemicalsafety@lht.dlh.de](mailto:chemicalsafety@lht.dlh.de).

Note: The substances listed in the Annex will be reviewed and updated once per year. You are legally obliged to check any appropriate chemical regulation for the actual and complete list of restricted or banned substances or uses.

\* The full reference for these regulations can be found in chapter 3

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**2. Social Responsibility Requirements**

**Conflict Minerals (Tin, Tantalum, Tungsten, Gold)**

Supplier must ensure that delivered materials (chemicals, mixtures and articles) containing tin, tantalum, tungsten and gold do comply with the requirements of the Dodd-Frank Wall Street Reform and Consumer Protection Act (“Dodd-Frank-Act”), Section 1502, in regard to conflict minerals. Therefore, Supplier shall, no later than thirty (30) days following each calendar year in which supplier has delivered any Items to Lufthansa Technik Group / Lufthansa AG or any other company directly or indirectly controlled by Deutsche Lufthansa AG under this Agreement or otherwise, and any time upon request by one of these companies, complete and provide to this requesting company a single and comprehensive report showing that all Items delivered to Lufthansa Technik Group / Lufthansa AG comply with the requirements of the Dodd-Frank Wall Street Reform and Consumer Protection Act (“Dodd-Frank-Act”), Section 1502 in regard to conflict minerals using the cfsi conflict minerals reporting template ([www.conflictreesourcing.org](http://www.conflictreesourcing.org)). Supplier shall perform appropriate due diligence on its supply chain in order to fulfill the reporting obligations.

**3. Abbreviations and normative references:**

<b>REACH</b>	Registration, Evaluation, Authorization and Restriction of Chemicals  REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
<b>RoHS</b>	Restriction of the use of certain Hazardous Substances in electrical and electronic equipment  DIRECTIVE 2011/65/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment (recast)
<b>VOC Solvent Emission Directive</b>	Council Directive 1999/13/EC of 11 March 1999 on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain activities and installations
<b>Biocidal Products Regulation</b>	REGULATION (EU) No 528/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 22 May 2012 concerning the making available on the market and use of biocidal products
<b>CLP</b>	Classification, Labelling, Packaging of Chemicals of substances and mixtures  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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006
<b>Dodd-Frank-Act</b>	Title XV of the Dodd-Frank Wall Street Reform and Consumer Protection Act , here:

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Section 1502 requires persons to disclose annually whether any conflict minerals that are necessary to the functionality or production of a product of the person, as defined in the provision, originated in the Democratic Republic of the Congo or an adjoining country and, if so, to provide a report describing, among other matters, the measures taken to exercise due diligence on the source and chain of custody of those minerals, which must include an independent private sector audit of the report that is certified by the person filing the report.

**4. Contacts**

Please send all information regarding your products as well as remarks and feedback to this document via the following email address: **chemicalsafety@lht.dlh.de**

For further information	Hazardous Materials Management & Radiation Protection LH Group (HAM PZ/S) Deutsche Lufthansa AG Tarquinio Witzemann	Tel. +4940 5070 60174 email: tarquinio.witzemann@dlh.de
	Environmental Management (HAM T/TQ-U) Lufthansa Technik Group Carolin Fischer	Tel. +4940 5070 8564 email: carolin.fischer@lht.dlh.de

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Annex

**Note: The substances and substance groups listed in this Annex will be reviewed and updated once per year. You are legally obliged to check any appropriate chemical regulation for the actual and complete list of restricted or banned substances or uses.**

CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
100-02-7	202-811-7	4-nitrophenol	Nitro compounds	4-nitrophenol is an endocrine disruptor with estrogenic and antiandrogen activity, affecting reproduction and also cardiovascular function. It is categorized as an endocrine disruptor in the EU Commission EDC database.	
1002-53-5	-	Dibutyltin (DBT)	Tin compounds	Initial assessment: Dibutyl tin (DBT) compounds are potential endocrine disruptors, showing also immunotoxic as well as reprotoxic effects and is highly toxic to aquatic species. It is very bio-accumulative and possibly persistent. Dibutyl tin has been wi	Restriction list (annex XVII)
10028-18-9	233-071-3	nickel difluoride	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
100-42-5	202-851-5	Styrene		Styrene is an endocrine disruptor (cat 1). Reprotoxic as well as carcinogenic and mutagenic effects have been reported. It is highly toxic to aquatic species.	
10043-35-3	233-139-2	Boric acid	Boron compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
100-44-7	202-853-6	a-chlorotoluene	Electrophiles	Classified CMR according to Annex VI of Regulation 1272/2008	
100532-36-3		Phenol, 4-(5- methylhexyl)-	Alkylphenols	Substance is concluded to be an endocrine disruptor SVHC by ECHA Member State Committee.	Candidate list
100-63-0	202-873-5	Phenylhydrazine	Hydrazines	Classified CMR according to Annex VI of Regulation 1272/2008	
100684-33-1	309-706-6	Petrolatum (petroleum), clay-treated	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
10099-74-8	233-245-9	Lead dinitrate	Lead compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list

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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
10101-96-9	233-263-7	nickel(II) selenite	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
10108-64-2	233-296-7	Cadmium chloride	Cadmium compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list, Restriction list (annex XVII)
101-14-4	202-918-9	4,4'-methylenebis[2-chloroaniline]	Aromatic amines	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list, Authorisation list (annex XIV)
10124-36-4 / 31119-53-6	233-331-6	Cadmium sulphate	Cadmium compounds	Classified CMR (Class I & II) according to Annex 1 of Directive 67/548/EEC	Candidate list, Restriction list (annex XVII)
10124-43-3	233-334-2	Cobalt sulphate	Cobalt compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
101316-59-0	309-865-1	Distillates (petroleum), hydrodesulfurized middle coker	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
101316-62-5	309-867-2	Extract residues (coal), light oil alk., acid ext., indene fraction	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
101316-66-9	309-870-9	Hydrocarbons, C6-8, hydrogenated sorption-dearomatized, toluene raffination	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
101316-67-0	309-871-4	Hydrocarbons, C6-rich, hydrotreated light naphtha distillates, solvent-refined	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
101316-69-2	309-874-0	Lubricating oils (petroleum), C>25, solvent-extd., deasphalted, dewaxed, hydrogenated	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
101316-72-7	309-877-7	Lubricating oils (petroleum), C24-50, solvent-extd., dewaxed, hydrogenated	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
101316-76-1	309-879-8	Naphtha (petroleum),	Petroleum	Classified CMR according to Annex VI of Regulation	

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		hydrodesulfurized full-range coker		1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
101316-84-1	309-886-6	Tar, brown-coal, low-temp.	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
10141-05-6	233-402-1	Cobalt nitrate	Cobalt compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
101-61-1	202-959-2	N,N,N',N'-tetramethyl-4,4'-methylenedianiline	Aromatic amines	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
101631-14-5	309-939-3	Distillates (petroleum), heavy steam-cracked	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
101-77-9	202-974-4	4,4'-methylenedianiline, MDA	Aromatic amines	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list, Authorisation list (annex XIV)
101795-01-1	309-976-5	Naphtha (petroleum), sweetened light	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
101-80-4	202-977-0	4,4'-oxydianiline	Aromatic amines	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
102110-14-5	310-012-0	Hydrocarbons, C3-6, C5-rich, steam-cracked naphtha	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
102110-15-6	310-013-6	Hydrocarbons, C5-rich, dicyclopentadiene-contg.	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
102110-55-4	310-057-6	Residues (petroleum), steam-cracked light, arom.	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
102570-52-5		Phenol, 4-(3- methylhexyl)-	Alkylphenols	Substance is concluded to be an endocrine disruptor SVHC by ECHA Member State Committee.	Candidate list
103112-35-2	401-290-5	ethyl 1-(2,4-dichlorophenyl)-5-		Classified CMR according to Annex VI of Regulation	

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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
		trichloromethyl-1,2,4-(1H)-triazol-3-carboxylate		1272/2008	
103122-66-3	434-350-4	O-isobutyl-N-ethoxy carbonylthiocarbamate	Thioaminocarbonyl compounds, Aminocarbonyl compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
10325-94-7	233-710-6	cadmium nitrate; cadmium dinitrate	Cadmium compounds	Substance is agreed by RAC to be a classified CMR according to Annex VI of Regulation 1272/2008, identified as SVHC on the REACH Candidate List.	Candidate list, Restriction list (annex XVII)
10332-33-9	-	perboric acid (HBO(O <sub>2</sub> )), sodium salt, monohydrate	Boron compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
103-33-3	203-102-5	Azobenzene	Aromatic amines, Azo compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
10381-36-9	233-844-5	trinickel bis(orthophosphate)	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
104-35-8		4-Nonyl Phenol Monoethoxylate	Alkylphenols	Nonylphenol etoxilates are categorized as endocrine disruptors (cat 1), they are the precursors of Nonyl phenol which is a persistent and bio-accumulative substance. It has been found in the environment.	Authorisation list (annex XIV), Candidate list
104-40-5	203-199-4	p-nonylphenol	Alkylphenols	Nonylphenol is an endocrine disruptor (cat 1) and is classified as possibly toxic for reproduction (R3), It is also persistent and bio-accumulative and it has been found in humans and the environment.	Candidate list
10486-00-7	-	perboric acid (HBO(O <sub>2</sub> )), sodium salt, tetrahydrate	Boron compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
105024-66-6	405-020-7	(4-ethoxyphenyl)(3-(4-fluoro-3-phenoxyphenyl)propyl)dimethyl silane		Classified CMR according to Annex VI of Regulation 1272/2008	
10588-01-9	234-190-3	Sodium dichromate	Chromium compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list, Authorisation list (annex XIV)
106-47-8	203-401-0	4-chloroaniline	Aromatic amines	Classified CMR according to Annex VI of Regulation 1272/2008	
1067-29-4	213-927-2	bis(triisopropyltin) oxide	Tin compounds	Tri-n-propyltin(TPrT) is an endocrine disruptor (cat 1). It is expected to show persistence and bio-accumulative properties as Tributyl tin (TBT) and triphenyl tin (TPHT). Tri-n-propyltin has been found	Restriction list (annex XVII)

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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
				in the environment.	
106-89-8	203-439-8	1-chloro-2,3-epoxypropane	Electrophiles	Classified CMR according to Annex VI of Regulation 1272/2008	
106-91-2	203-441-9	2,3-epoxypropyl methacrylate; glycidyl methacrylate		Substance is agreed by RAC to be a classified CMR according to Annex VI of Regulation 1272/2008, however it is not yet formally included.	
106-93-4	203-444-5	1,2-dibromoethane	Electrophiles	Classified CMR according to Annex VI of Regulation 1272/2008	
106-94-5	203-445-0	1-bromopropane	Electrophiles	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
106-99-0	203-450-8	Buta-1,3-diene		Classified CMR according to Annex VI of Regulation 1272/2008	CoRAP list
107-06-2	203-458-1	1,2-dichloroethane		Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list, Authorisation list (annex XIV)
107-13-1	203-466-5	Acrylonitrile		Classified CMR according to Annex VI of Regulation 1272/2008	
107-15-3	203-468-6	Ethylenediamine		Classified respiratory sensitizer concluded to be a SVHC by ECHA Member State Committee	Candidate list
107-30-2	203-480-1	Chloromethyl methyl ether	Electrophiles	Classified CMR according to Annex VI of Regulation 1272/2008	
108225-03-2	402-060-7	(6-(4-hydroxy-3-(2-methoxyphenylazo)-2-sulfonato-7-naphthylamino)-1,3,5-triazin-2,4-diyl)bis[(amino-1-methylethyl)ammonium] formate	Aromatic amines, Azo compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
108-46-3	203-585-2	Resorcinol		Resorcinol is an endocrine disruptor affecting thyroid function as well as estrogen and glucose metabolism. It is categorized as an endocrine disruptor in the EU Commission EDC database.	CoRAP list
109-86-4	203-713-7	2-methoxyethanol	Glycol ethers	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
110-00-9	203-727-3	Furan		Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list



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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
110-49-6	203-772-9	2-methoxyethyl acetate	Glycol ethers	Classified CMR according to Annex VI of Regulation 1272/2008	
110-54-3	203-777-6	Hexane		Hexane is classified as possible reprotoxic chemical (R 3) and has been reported to have endocrine and neurological effects.	CoRAP list
110-71-4	203-794-9	1,2-dimethoxyethane	Glycol ethers	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
110-80-5	203-804-1	2-ethoxyethanol	Glycol ethers	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
11099-02-8	234-323-5	Nickel oxide	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
11103-86-9	234-329-8	Potassium hydroxyoctaoxodizincatedichromate(1-)	Chromium compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list, Authorisation list (annex XIV)
11113-50-1	234-343-4	boric acid, crude natural	Boron compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
11113-74-9	234-348-1	nickel hydroxide	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
11113-75-0	234-349-7	Nickel Sulfide	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
111-15-9	203-839-2	2-ethoxyethyl acetate	Glycol ethers	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
11120-22-2	234-363-3	Silicic acid, lead salt	Lead compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
11132-10-8	-	nickel potassium fluoride	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
11138-47-9	234-390-0	perboric acid, sodium salt	Boron compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
111-41-1	203-867-5	2-(2-aminoethylamino)ethanol		Classified CMR according to Annex VI of Regulation 1272/2008	
1116-54-7	214-237-4	2,2'-(nitrosoimino)bisethanol	Nitrosamines	Classified CMR according to Annex VI of Regulation 1272/2008	
111-96-6	203-924-4	Bis(2-methoxyethyl) ether	Glycol ethers	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list, Authorisation list (annex XIV)
1120-71-4	214-317-9	1,3-propanesultone	Electrophiles	Classified CMR according to Annex VI of Regulation	Candidate list

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				1272/2008	
112-49-2	203-977-3	1,2-bis(2-methoxyethoxy)ethane	Glycol ethers	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
1139800-98-8		Phenol, 4-(4-methylhexyl)-	Alkylphenols	Substance is concluded to be an endocrine disruptor SVHC by ECHA Member State Committee.	Candidate list
115-86-6	204-112-2	Triphenyl phosphate		This substance has endocrine disrupting properties. Exposure through dust in humans has been associated with decreased sperm concentrations. Studies in fish show altered levels of estradiol and testosterone, increased levels of vitellogenin and impaired re	CoRAP list
115-96-8	204-118-5	tris(2-chloroethyl)phosphate	Electrophiles	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list, Authorisation list (annex XIV)
1163-19-5	214-604-9	Deca-BDE	Polyhalogenated aromatics	DecaBDE has been reported to have developmentally toxic and endocrine disruptive effects. It is persistent but has been shown to have the potential to degrade to compounds with PBT/vPvB properties. Deca BDE is commonly found in humans and the environment	Candidate list, Restriction list (annex XVII)
117-81-7	204-211-0	DEHP; Bis(2-ethylhexyl) phthalate	Phthalates	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list, Authorisation list (annex XIV), Restriction list (annex XVII)
117-82-8	204-212-6	Bis(2-methoxyethyl) phthalate	Phthalates, Glycol ethers	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
117-84-0	204-214-7	Dioctyl phthalate	Phthalates	This substance has endocrine disrupting properties. In vitro studies show interference with thyroid function. In vivo reproductive and developmental effects have been seen in daphnia, fish and rodents.	Candidate list, Restriction list (annex XVII)

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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
				In humans the substance has been linked to endometriosis	
118-74-1	204-273-9	Hexachlorobenzene	Polyhalogenated aromatics	Classified CMR according to Annex VI of Regulation 1272/2008	
118-79-6	204-278-6	2,4,6-tribromophenol	Polyhalogenated aromatics	This substance has endocrine disrupting properties. In vitro studies have shown binding to a thyroid hormone transport protein. Animal studies have shown the substance to alter the rate of development and increase abnormalities. In addition it interferes	CoRAP list
119-61-9	204-337-6	Benzophenone		For Benzophenone carcinogenic effects have been reported. It is potentially persistent and has been found in the environment. Its derivatives are potential endocrine disruptors.	CoRAP list
119738-06-6	414-200-4	(+/-)-tetrahydrofurfuryl-(R)-2-[4-(6-klorkinoxalin-2-yloxi)fenyloxi]propanoat		Classified CMR according to Annex VI of Regulation 1272/2008	
119-90-4	204-355-4	3,3'-dimethoxybenzidine	Aromatic amines	Classified CMR according to Annex VI of Regulation 1272/2008	
119-93-7	204-358-0	4,4'-bi-o-toluidine	Aromatic amines	Classified CMR according to Annex VI of Regulation 1272/2008	
12001-28-4		Crocidolite	Mineral fibres	Classified CMR according to Annex VI of Regulation 1272/2008	Restriction list (annex XVII)
12001-29-5 / 132207-32-0		Chrysotile		Classified CMR (Class I & II) according to Annex 1 of Directive 67/548/EEC	Restriction list (annex XVII)
12004-35-2	234-454-8	dialuminium nickel tetraoxide	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
12007-00-0	234-493-0	nickel boride (NiB)	Nickel compounds, Boron compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
12007-01-1	234-494-6	dinickel boride	Nickel compounds, Boron compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
12007-02-2	234-495-1	trinickel boride	Nickel compounds, Boron compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
12008-41-2 / 12280-03-4	234-541-0	disodium octaborate anhydrous	Boron compounds	Substance is agreed by RAC to be a classified CMR according to Annex VI of Regulation 1272/2008, however it is not yet formally included.	Candidate list

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120-12-7	204-371-1	Anthracene	Polyaromatics	Substance is concluded to be PBT by European Chemicals Bureau PBT Working Group.	Candidate list
12031-65-1	-	lithium nickel dioxide	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
12035-36-8	234-823-3	Nickel dioxide	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
12035-38-0	234-824-9	nickel stannate	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
12035-39-1	234-825-4	nickel titanium trioxide	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
12035-64-2	234-828-0	dinickel phosphide	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
12035-71-1	-	Heazlewoodite	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
12035-72-2	234-829-6	Trinickel disulphide	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
12036-76-9	234-853-7	Lead oxide sulfate	Lead compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
12040-72-1		perboric acid, sodium salt, monohydrate	Boron compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
12054-48-7	235-008-5	nickel dihydroxide	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
12059-14-2	235-033-1	dinickel silicide	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
12060-00-3	235-038-9	Lead titanium trioxide	Lead compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
12065-90-6	235-067-7	Pentalead tetraoxide sulphate	Lead compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
12068-61-0	235-103-1	nickel diarsenide	Nickel compounds, Arsenic compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Restriction list (annex XVII)
120-71-8	204-419-1	6-methoxy-m-toluidine	Aromatic amines	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
120-82-1	204-428-0	1,2,4-trichlorobenzene	Polyhalogenated aromatics	Substance is concluded to be PBT by European Chemicals Bureau PBT Working Group.	Restriction list (annex XVII)
121-14-2	204-450-0	2,4-dinitrotoluene	Nitro compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list, Authorisation list

**Restricted and declarable substance list**  
Mandatory requirement for suppliers of  
Lufthansa Technik Group and Deutsche Lufthansa AG

CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
					(annex XIV)
121158-58-5	310-154-3	phenol, dodecyl-, branched	Alkylphenols	Substance is agreed by RAC to be a classified CMR according to Annex VI of Regulation 1272/2008, however it is not yet formally included.	CoRAP list
12122-67-7	235-180-1	Zineb	Thioaminocarbonyl compounds		
12137-12-1	-	trinickel tetrasulfide	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
12141-20-7	235-252-2	Trilead dioxide phosphonate	Lead compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
12142-88-0	235-260-6	nickel telluride	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
121575-60-8	310-162-7	Pitch, coal tar, high-temp., heat-treated	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below legal thresholds and/or full refining history is known)	
12172-73-5		Amosite (Grunerite)	Mineral fibres	Classified CMR according to Annex VI of Regulation 1272/2008	Restriction list (annex XVII)
12179-04-3	215-540-4	borax pentahydrate, disodium tetraborate pentahydrate	Boron compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
12201-89-7	235-379-3	nickel disilicide	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
12202-17-4	235-380-9	Tetralead trioxide sulphate	Lead compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
1222-05-5	214-946-9	Galaxolide		For Galaxolide (HHCb) endocrine effects have been reported. It is potentially persistent and bioaccumulative. It has been frequently found in humans and the environment.	
122-60-1	204-557-2	2,3-epoxypropyl phenyl ether	Electrophiles	Classified CMR according to Annex VI of Regulation 1272/2008	
122-66-7	204-563-5	Hydrazobenzene	Hydrazines, Aromatic amines	Classified CMR according to Annex VI of Regulation 1272/2008	
12267-73-1	235-541-3	tetraboron disodium heptaoxide, hydrate	Boron compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
12280-03-4 / 12008-41-2	234-541-0	disodium octaborate tetrahydrate	Boron compounds	Substance is agreed by RAC to be a classified CMR according to Annex VI of Regulation 1272/2008, however it is not yet formally included.	

**Restricted and declarable substance list**  
Mandatory requirement for suppliers of  
Lufthansa Technik Group and Deutsche Lufthansa AG

CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
123-39-7	204-624-6	N-methylformamide	Aminocarbonyl compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
123-77-3	204-650-8	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	Azo compounds	Classified respiratory sensitizer concluded to be a SVHC by ECHA Member State Committee.	Candidate list
12510-42-8		Erionite	Mineral fibres	Classified CMR according to Annex VI of Regulation 1272/2008	
12519-85-6	235-688-3	trihydrogen hydroxybis[orthosilicato(4-)]trinicckelate(3-)	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
12578-12-0	235-702-8	Dioxobis(stearato)trilead	Lead compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
12607-70-4	235-715-9	[carbonato(2-)] tetrahydroxytrinickel	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
12619-90-8	235-723-2	nickel boride	Nickel compounds, Boron compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
12626-81-2	235-727-4	Lead titanium zirconium oxide	Lead compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
12653-76-8	235-752-0	nickel titanium oxide	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
12656-85-8	235-759-9	Lead chromate molybdate sulfate red	Chromium compounds, Lead compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list, Authorisation list (annex XIV)
12673-58-4	-	molybdenum nickel oxide	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
126-99-8	204-818-0	2-chlorobuta-1,3-diene	Electrophiles	Classified CMR according to Annex VI of Regulation 1272/2008	
127087-87-0	500-315-8	4-Nonylphenol, branched, ethoxylated	Alkylphenols	Nonylphenol etoxilates are categorized as endocrine disruptors (cat 1), they are the precursors of Nonyl phenol which is a persistent and bio-accumulative substance. It has been found in the environment.	Candidate list, Restriction list (annex XVII)
127-18-4	204-825-9	Perchloroethylene; tetrachloroethylene	Polyhalogenated alkenes	Perchloroethylene is an endocrine disruptor affecting several body functions including reproduction, development, neurological function and kidneys. It is categorized as an endocrine disruptor in the EU Commission EDC database.	CoRAP list
127-19-5	204-826-4	N,N-dimethylacetamide	Aminocarbonyl compounds	Classified CMR according to Annex VI of Regulation	Candidate list

**Restricted and declarable substance list**  
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Lufthansa Technik Group and Deutsche Lufthansa AG

CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
				1272/2008	
12737-30-3	-	cobalt nickel oxide	Nickel compounds, Cobalt compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
128-37-0	204-881-4	Butylated Hydroxytoluene	Alkylphenols	This substance has endocrine disrupting properties. In vivo studies of Butylated Hydroxytoluene has shown that the substance disrupts thyroid gland function and morphology. Reduced fertility, altered growth and development, impaired learning and motor beh	CoRAP list
1303-00-0	215-114-8	Gallium arsenide	Arsenic compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Restriction list (annex XVII)
1303-28-2	215-116-9	Diarsenic pentaoxide	Arsenic compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list, Authorisation list (annex XIV), Restriction list (annex XVII)
1303-86-2	215-125-8	boric oxide	Boron compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
1303-96-4	215-540-4	borax decahydrate, disodium tetraborate decahydrate	Boron compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
1304-56-9	215-133-1	Beryllium oxide	Beryllium compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
1306-19-0	215-146-2	Cadmium oxide	Cadmium compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list, Restriction list (annex XVII)
1306-23-6	215-147-8	Cadmium sulphide	Cadmium compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list, Restriction list (annex XVII)
1309-64-4	215-175-0	Antimony Trioxide	Antimony compounds	Antimony Trioxide is classified as a possible carcinogen (C 3) and reprotoxic effects have been reported.	CoRAP list
131-18-0	205-017-9	Dipentyl phthalate	Phthalates	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
13138-45-9	236-068-5	nickel dinitrate	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
1313-99-1	215-215-7	Nickel monoxide	Nickel compounds	Classified CMR according to Annex VI of Regulation	

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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
				1272/2008	
1314-04-1	-	Millerite	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
1314-05-2	215-216-2	nickel selenide	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
1314-06-3	215-217-8	Dinickel trioxide	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
1314-41-6	215-235-6	Orange lead	Lead compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
13149-00-3	236-086-3	Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] <i><i>[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]</i></i>	Electrophiles	Classified respiratory sensitizer concluded to be a SVHC by ECHA Member State Committee.	Candidate list
131-55-5	205-028-9	Benzophenone-2 (Bp-2); 2,2',4,4'-tetrahydroxybenzophenone	Bisphenols	Benzophenone-2 (BP-2) is an endocrine disruptor with estrogenic, thyroid and antiandrogen activity, affecting several body functions and target organs including development of reproductive organs. It is categorized as an endocrine disruptor in the EU Commi	
131-56-6	205-029-4	2,4-Dihydroxybenzophenon; Resbenzophenone		Benzophenone-1 (BP-1) is an endocrine disruptor with antiandrogen and estrogenic activity affecting reproductive organs. The substance has been found in biomonitoring studies and in indoor dust. It is categorized as an endocrine disruptor in the EU Commis	
131-57-7	205-031-5	Benzophenone-3; Oxybenzone		Benzophenone-3 (BP-3) is an endocrine disruptor with estrogenic, antiandrogen and thyroid activity, affecting several body functions including development and immune function. The substance has been found in biomonitoring studies and in	CoRAP list



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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
				human milk and uri	
1317-36-8	215-267-0	Lead monoxide	Lead compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
1319-46-6	215-290-6	Trilead bis(carbonate) dihydroxide	Lead compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list, Restriction list (annex XVII)
132-32-1	205-057-7	3-amino-9-ethyl carbazole	Aromatic amines	Classified CMR according to Annex VI of Regulation 1272/2008	
1327-53-3	215-481-4	Diarsenic trioxide	Arsenic compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list, Authorisation list (annex XIV), Restriction list (annex XVII)
1330-43-4	215-540-4	boric acid, disodium salt, disodium tetraborate, anhydrous	Boron compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
1332-21-4		Asbestos	Mineral fibres	Classified CMR according to Annex VI of Regulation 1272/2008	
1333-82-0	215-607-8	Chromium trioxide	Chromium compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list, Authorisation list (annex XIV)
133-49-3	205-107-8	Pentachlorobenzenethiol	Polyhalogenated aromatics	Substance is concluded to be PBT & vPvB by European Chemicals Bureau PBT Working Group.	
1335-32-6	215-630-3	Lead, bis(acetato-O)tetrahydroxytri-	Lead compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
13360-57-1	236-412-4	Dimethylsulphamoyl chloride	Electrophiles	Classified CMR according to Annex VI of Regulation 1272/2008	
134237-50-6		alfa-Hexabromocyclododecane	Polyhalogenated alkanes	Substance is concluded to be PBT by European Chemicals Bureau PBT Working Group.	Candidate list, Authorisation list (annex XIV)
134237-51-7		beta-Hexabromocyclododecane	Polyhalogenated alkanes	Substance is concluded to be PBT by European Chemicals Bureau PBT Working Group.	Candidate list, Authorisation list (annex XIV)
134237-52-8		gamma-Hexabromocyclododecane	Polyhalogenated alkanes	Substance is concluded to be PBT by European Chemicals Bureau PBT Working Group.	Candidate list, Authorisation list (annex XIV)

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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
13424-46-9	236-542-1	Lead diazide	Lead compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
1344-37-2	215-693-7	Lead sulfochromate yellow	Chromium compounds, Lead compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list, Authorisation list (annex XIV)
13462-88-9	236-665-0	nickel dibromide	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
13462-90-3	236-666-6	nickel diiodide	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
13463-39-3	236-669-2	Tetracarbonylnickel	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
13464-97-6	236-690-7	Hydrazinium nitrate	Hydrazines	Classified CMR according to Annex VI of Regulation 1272/2008	
13477-70-8	236-771-7	nickel(II) arsenate, trinickel bis(arsenate)	Nickel compounds, Arsenic compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Restriction list (annex XVII)
13517-20-9	-	perboric acid (H3BO2(O2)), monosodium salt trihydrate	Boron compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
13530-68-2	236-881-5	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.	Chromium compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list, Authorisation list (annex XIV)
13560-89-9 / 135821-74-8; 135821-03-3	236-948-9	Dechlorane plus	Polyhalogenated alkanes, Polyhalogenated alkenes	Identified as vPvB for the REACH Candidate List. This substance has persistent, bioaccumulative and toxic properties. It has been detected in environmental and human samples and estimated and experimental data show P, B and T properties.	Candidate list
13637-71-3	237-124-1	nickel diperchlorate, perchloric acid, nickel(II) salt	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
13654-40-5	237-138-8	nickel(II) palmitate	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
13674-87-8	237-159-2	TDCIPP	Electrophiles	This substance has been detected in children who are exposed to the chemical through house dust. It is a suspected carcinogen. The substance shows	CoRAP list

**Restricted and declarable substance list**  
Mandatory requirement for suppliers of  
Lufthansa Technik Group and Deutsche Lufthansa AG

CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
				experimental and estimated P and T properties. It is considered to be of equivalent level of concern.	
13689-92-4	237-205-1	nickel dithiocyanate	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
137-17-7	205-282-0	2,4,5-trimethylaniline	Aromatic amines	Classified CMR according to Annex VI of Regulation 1272/2008	
137-26-8	205-286-2	Thiram	Thioaminocarbonyl compounds	Thiram is an endocrine disruptor affecting several body functions and target organs including reproduction and development as well as metabolism and the central nervous system. The substance has been found in biomonitoring studies. It is categorized as an	CoRAP list
137-30-4	205-288-3	Ziram	Thioaminocarbonyl compounds	This substance has endocrine disrupting properties. In vivo exposure to the substance has resulted in decreased fertility, sperm abnormalities and skeletal, muscular and nervous abnormalities in rodent offspring. In vivo and in vitro studies show negative	CoRAP list
137-42-8	205-293-0	Metam-sodium	Thioaminocarbonyl compounds	Metam Sodium is an endocrine disruptor affecting several body functions and target organs including reproduction and development as well as immune function and the peripheral nervous system. The substance has been found in biomonitoring studies. It is cat	Restriction list (annex XVII)
13765-19-0	237-366-8	Calcium chromate	Chromium compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
13770-89-3	237-396-1	nickel bis(sulfamidate), nickel sulfamate	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
13775-54-7	237-411-1	dinickel orthosilicate	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
13814-96-5	237-486-0	Lead bis(tetrafluoroborate)	Lead compounds, Boron compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
13840-56-7	237-560-2	orthoboric acid, sodium salt	Boron compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
13842-46-1	237-563-9	nickel dipotassium bis(sulfate)	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	

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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
139-65-1	205-370-9	4,4'-thiodianiline	Aromatic amines	Classified CMR according to Annex VI of Regulation 1272/2008	
140-66-9	205-426-2	4-(1,1,3,3-tetramethylbutyl)phenol	Alkylphenols	4-tert-octylphenol is an endocrine disruptor (cat 1) and adverse effects on reproductive systems has been reported. It is also persistent and it has been widely found in humans and the environment.	Candidate list
14166-21-3	238-009-9	Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] <i><[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]</i>	Electrophiles	Classified respiratory sensitizer concluded to be a SVHC by ECHA Member State Committee.	Candidate list
14177-51-6	238-032-4	nickel tungsten tetraoxide	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
14177-55-0	238-034-5	molybdenum nickel tetraoxide	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
14216-75-2	238-076-4	nitric acid, nickel salt	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
142731-63-3		4-(3,6-Dimethyl-3-heptyl)phenol	Alkylphenols	Nonylphenol is an endocrine disruptor (cat 1) and is classified as possibly toxic for reproduction (R3), It is also persistent and bio-accumulative and it has been found in humans and the environment.	Candidate list
142844-00-6	604-314-4	Aluminosilicate Refractory Ceramic Fibres	Mineral fibres	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
142844-00-6,2	604-314-4	Zirconia Aluminosilicate Refractory Ceramic Fibres	Mineral fibres	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
14332-34-4	238-278-2	nickel hydrogen phosphate	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
143860-04-2	421-150-7	Zoldine MS-PLUS		Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
14409-72-4	604-395-6	Nonaethylene glycol p-nonylphenyl ether	Alkylphenols	Nonylphenol etoxilates are categorized as endocrine disruptors (cat 1), they are the precursors of Nonyl	Candidate list

**Restricted and declarable substance list**  
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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
				phenol which is a persistent and bio-accumulative substance. It has been found in the environment.	
14448-18-1	238-426-6	dinickel diphosphate	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
14507-36-9	238-511-8	nickel bis(phosphinate)	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
14550-87-9	238-596-1	nickel dibromate	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
1461-22-9	215-958-7	Tributyltin chloride	Tin compounds	Tributyltin (TBT) is an endocrine disruptor (cat 1) which is also very persistent and very bio-accumulative. It has been frequently found in humans and the environment.	
1464-53-5	215-979-1	2,2'-bioxirane	Electrophiles	Classified CMR according to Annex VI of Regulation 1272/2008	
14708-14-6	238-753-4	nickel bis(tetrafluoroborate)	Nickel compounds, Boron compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
14721-18-7	238-766-5	nickel chromate	Nickel compounds, Chromium compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
148-24-3	205-711-1	quinolin-8-ol;8-hydroxyquinoline		Substance is agreed by RAC to be a classified CMR according to Annex VI of Regulation 1272/2008, however it is not yet formally included.	
14874-78-3	238-946-3	dinickel hexacyanoferrate	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
14977-61-8	239-056-8	Chromyl dichloride	Chromium compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
14998-37-9	239-086-1	nickel acetate	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
1506-02-1 / 21145-77-7	216-133-4 / 244-240-6	Tonalide		For Tonalide (AHTN) endocrine effects have been reported. It is potentially persistent and bioaccumulative. It has been frequently found in humans and the environment.	CoRAP list
15060-62-5	239-125-2	nickel selenate	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
15087-24-8	239-139-9	3-Benzylidene camphor (3-BC); 1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1	Electrophiles	3-benzylidene camphor (3-BC) is an endocrine disruptor with estrogenic, antiandrogen and progesterone activity, affecting several body	

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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
		heptan-2-one		functions and target organs including reproduction, development, immune function and behaviour. It is categorized as an	
15120-21-5	239-172-9	sodium perborate	Boron compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
151-56-4	205-793-9	Aziridine	Electrophiles	Classified CMR according to Annex VI of Regulation 1272/2008	
15245-44-0	239-290-0	Lead 2,4,6-trinitro-m-phenylene dioxide	Lead compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
15571-58-1	239-622-4	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate	Tin compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
15586-38-6	239-646-5	nickel dichromate	Nickel compounds, Chromium compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
15606-95-8	427-700-2	Triethyl arsenate	Arsenic compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
156609-10-8		4-TERT-NONYLPHENOLDIETHOXYLATE	Alkylphenols	Nonylphenol etoxilates are categorized as endocrine disruptors (cat 1), they are the precursors of Nonyl phenol which is a persistent and bio-accumulative substance. It has been found in the environment.	Authorisation list (annex XIV), Candidate list
15699-18-0	239-793-2	diammonium nickel bis(sulfate)	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
15780-33-3	239-876-6	nickel triuranium decaoxide	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
15843-02-4	239-946-6	formic acid, nickel salt	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
15851-52-2	239-967-0	nickel tellurium trioxide	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
15852-21-8	239-974-9	nickel tellurium tetraoxide	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
1589-47-5	216-455-5	2-methoxypropanol	Glycol ethers	Classified CMR according to Annex VI of Regulation 1272/2008	
16039-61-5	-	nickel dilactate	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
16071-86-6	240-221-1	Disodium [5-[[4'-[[2,6-dihydroxy-3-[[2-hydroxy-5-	Aromatic amines, Azo compounds	Classified CMR according to Annex VI of Regulation 1272/2008	

**Restricted and declarable substance list**  
Mandatory requirement for suppliers of  
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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
		sulphophenyl)azo]phenyl]azo][1,1'-biphenyl]-4-yl]azo]salicylato(4-)cuprate(2-)			
16083-14-0	240-235-8	nickel(II) trifluoroacetate	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
16337-84-1	240-408-8	Carbonic acid, nickel salt	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
1634-04-4	216-653-1	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane		MTBE is an endocrine disruptor with androgen and thyroid activity, affecting several body functions including reproduction and immune function. The substance has been found in biomonitoring studies. It is categorized as an endocrine disruptor in the EU Co	CoRAP list
164058-22-4	413-590-3	Trisodium [4'-(8-acetylamino-3,6-disulfonato-2-naphthylazo)-4''-(6-benzoylamino-3-sulfonato-2-naphthylazo)-biphenyl-1,3',3'',1'''-tetraolato-O,O',O'',O''']copper(II)	Aromatic amines, Azo compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
16812-54-7	240-841-2	Nickel (II) sulphide	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
17169-61-8	-	phosphoric acid, calcium nickel salt	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
17404-66-9	241-427-4	p-(1-methyloctyl)phenol	Alkylphenols	Nonylphenol is an endocrine disruptor (cat 1) and is classified as possibly toxic for reproduction (R3), It is also persistent and bio-accumulative and it has been found in humans and the environment.	Candidate list
17570-76-2	401-750-5	Lead(II) methanesulphonate	Lead compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
1763-23-1	217-179-8	PFOS, heptadecafluorooctane-1-sulfonic acid, perfluorooctane sulfonic acid	Perfluorinated compounds	Initial assessment: PFOS is reported to be both carcinogenic and toxic for reproduction. It is also very bioaccumulative, very persistent and is widely found in both humans and the environment.; ;Current Assessment: Classified CMR according to Annex VI of	
1824346-00-		Phenol, 4-[2methyl-1-(1-	Alkylphenols	Substance is concluded to be an endocrine	Candidate list

**Restricted and declarable substance list**  
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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
0		methylethyl)prop yl]-		disruptor SVHC by ECHA Member State Committee.	
18283-82-4	242-161-1	citric acid, ammonium nickel salt	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
183196-57-8	418-260-2	potassium 1-methyl-3-morpholinocarbonyl-4-[3-(1-methyl-3-morpholinocarbonyl-5-oxo-2-pyrazolin-4-ylidene)-1-propenyl]pyrazole-5-olate	Electrophiles	Classified CMR according to Annex VI of Regulation 1272/2008	
186825-36-5		4-(3,5-Dimethyl-3-heptyl)phenol	Alkylphenols	Nonylphenol is an endocrine disruptor (cat 1) and is classified as possibly toxic for reproduction (R3), It is also persistent and bio-accumulative and it has been found in humans and the environment.	Candidate list
18718-11-1	242-522-3	nickel bis(dihydrogen phosphate)	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
18721-51-2	242-533-3	nickel(II) hydrogen citrate	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
191-24-2	205-883-8	Benzo[ghi]perylene	Polyaromatics	Substance is concluded to be a Reprotoxic substance and PBT and vPvB SVHC by ECHA Member State Committee.	Candidate list
192-97-2	205-892-7	Benzo[e]pyrene	Polyaromatics	Classified CMR according to Annex VI of Regulation 1272/2008	Restriction list (annex XVII)
19372-20-4	-	diphosphoric acid, nickel(II) salt	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
1937-37-7	217-710-3	Disodium 4-amino-3-[[4'-[[[2,4-diaminophenyl]azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate	Aromatic amines, Azo compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
19438-60-9	243-072-0	Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] <i>[The individual isomers [2],		Classified respiratory sensitizer concluded to be a SVHC by ECHA Member State Committee.	Candidate list



**Restricted and declarable substance list**  
Mandatory requirement for suppliers of  
Lufthansa Technik Group and Deutsche Lufthansa AG

CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
		[3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry			
1987-50-4	217-862-0	p-n-heptylphenol 4-heptylphenol phenol, 4-heptylphenol, p-heptyl-	Alkylphenols	Substance is concluded to be an endocrine disruptor SVHC by ECHA Member State Committee.	Candidate list
199327-61-2	429-400-7	7-methoxy-6-(3-morpholin-4-yl-propoxy)-3H-quinazolin-4-one		Classified CMR according to Annex VI of Regulation 1272/2008	
20039-37-6	243-478-8	Pyridinium dichromate	Chromium compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
2040-90-6	433-890-8	2-chloro-6-fluoro-phenol		Classified CMR according to Annex VI of Regulation 1272/2008	
20427-84-3	243-816-4	2-[2-(4-nonylphenoxy)ethoxy]ethanol	Alkylphenols	Nonylphenol etoxilates are categorized as endocrine disruptors (cat 1), they are the precursors of Nonyl phenol which is a persistent and bio-accumulative substance. It has been found in the environment.	Candidate list, Restriction list (annex XVII)
20543-06-0	243-867-2	oxalic acid, nickel salt	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
205-82-3	205-910-3	Benzo[j]fluoranthene	Polyaromatics	Classified CMR according to Annex VI of Regulation 1272/2008	Restriction list (annex XVII)
2058-94-8	218-165-4	Henicosafuoroundecanoic acid	Perfluorinated compounds	Substance is concluded to be a vPvB SVHC by ECHA Member State Committee.	Candidate list
205-99-2	205-911-9	Benzo(e)acephenanthrylene	Polyaromatics	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list, Restriction list (annex XVII)
207-08-9	205-916-6	Benzo(k)fluoranthene	Polyaromatics	Classified CMR according to Annex VI of Regulation 1272/2008	Restriction list (annex XVII)
20837-86-9	244-073-9	Lead cyanamidate	Lead compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
21041-95-2	244-168-5	cadmium hydroxide; cadmium dihydroxide	Cadmium compounds	Substance is agreed by RAC to be a classified CMR according to Annex VI of Regulation 1272/2008, identified as an SVHC for the REACH Candidate List.	Candidate list, Restriction list (annex XVII)

**Restricted and declarable substance list**  
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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
21049-39-8		Sodium salts of perfluorononan-1-oic-acid Sodium salts of perfluorononan-1-oic-acid Sodium salts of perfluorononan-1-oic-acid	Perfluorinated compounds	Substance is concluded to be a PBT and Reprotoxic substance SVHC by ECHA Member State Committee.	Candidate list
210555-94-5		phenol, 4-dodecyl-, branched	Alkylphenols	Substance is agreed by RAC to be a classified CMR according to Annex VI of Regulation 1272/2008, however it is not yet formally included.	
21136-70-9	244-236-4	Benzidine sulphate	Aromatic amines	Classified CMR according to Annex VI of Regulation 1272/2008	
214353-17-0	433-580-2	1-(2-amino-5-chlorophenyl)-2,2,2-trifluoro-1,1-ethanediol, hydrochloride	Aromatic amines	Classified CMR according to Annex VI of Regulation 1272/2008	
21436-97-5		2,4,5-trimethylaniline hydrochloride	Aromatic amines	Classified CMR according to Annex VI of Regulation 1272/2008	
21784-78-1	244-578-4	nickel(II) silicate	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
218-01-9	205-923-4	Chrysene	Polycyclic aromatic hydrocarbons	Classified CMR according to Annex VI of Regulation 1272/2008, identified as PBT for the REACH Candidate List	Candidate list, Restriction list (annex XVII)
2223-95-2	218-744-1	nickel(II) octadecanoate, nickel(II) stearate	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
22398-80-7		indium phosphide		Classified CMR according to Annex VI of Regulation 1272/2008	
22605-92-1	245-119-0	citric acid, nickel salt	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
2279-76-7	218-910-3	Tripropyltin chloride	Tin compounds	Tri-propyltin (TPrT) is an endocrine disruptor (cat 1). It is expected to show persistence and bio-accumulative properties as Tributyl tin (TBT) and triphenyl tin (TPhT). Tri-n-propyltin has been found in the environment.	Restriction list (annex XVII)
2315-61-9		Ethanol, 2-[2-[4-(1,1,3,3-tetramethylbutyl)phenoxy]ethoxy]-	Alkylphenols	Substance is concluded to be an endocrine disruptor SVHC by ECHA Member State Committee.	
2315-67-5		Ethanol, 2-[4-(1,1,3,3-	Alkylphenols	Substance is concluded to be an endocrine	

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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
		tetramethylbutyl]phenoxy]-		disruptor SVHC by ECHA Member State Committee.	
2451-62-9	219-514-3	1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione	Electrophiles	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list, CoRAP list
24613-89-6	246-356-2	Dichromium tris(chromate)	Chromium compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list, Authorisation list (annex XIV)
2475-45-8	219-603-7	1,4,5,8-tetraaminoanthraquinone	Aromatic amines	Classified CMR according to Annex VI of Regulation 1272/2008	
2497-59-8	219-682-8	20-[4-(1,1,3,3-tetramethylbutyl)phenoxy]-3,6,9,12,15,18-hexaoxaicosan-1-ol	Alkylphenols	Substance is concluded to be an endocrine disruptor SVHC by ECHA Member State Committee.	
25013-16-5	246-563-8	tert.-Butylhydroxyanisole (BHA); tert-butyl-4-methoxyphenol	Alkylphenols	BHA is associated with reproductive dysfunction, increased cancer risk, including breast and prostate, and a range of other chronic or irreversible health problems, often from very low levels of exposure. BHA is commonly detected in humans.	CoRAP list
25154-52-3	246-672-0	Nonylphenol	Alkylphenols	Nonylphenol is an endocrine disruptor (cat 1) and is classified as possibly toxic for reproduction (R3). It is also persistent and bio-accumulative and it has been found in humans and the environment.	Candidate list, Restriction list (annex XVII)
25155-23-1	246-677-8	trixyl phosphate		Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list, CoRAP list
25214-70-4	500-036-1	Formaldehyde, oligomeric reaction products with aniline	Aromatic amines	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list, Authorisation list (annex XIV)
25321-14-6	246-836-1	Dinitrotoluene	Nitro compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
25376-45-8	246-910-3	Diaminotoluene	Aromatic amines	Classified CMR according to Annex VI of Regulation 1272/2008	
25550-51-0	247-094-1	Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic	Electrophiles	Classified respiratory sensitizer concluded to be a SVHC by ECHA Member State Committee.	Candidate list

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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
		anhydride [3], Hexahydro-3-methylphthalic anhydride [4] <i>[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]</i>			
25637-99-4	247-148-4	Hexabromocyclododecane	Polyhalogenated alkanes	Substance is concluded to be PBT by European Chemicals Bureau PBT Working Group.	Candidate list, Authorisation list (annex XIV)
2580-56-5	219-943-6	[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)]	Aromatic amines, Electrophiles	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
25808-74-6	247-278-1	Lead hexafluorosilicate	Lead compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
25973-55-1	247-384-8	UV-328	Alkylphenols	This substance has persistent, bioaccumulative and toxic properties. It has been found in a variety of environmental samples and in different marine organisms. Estimated and experimental data show PBT properties.	Candidate list
2602-46-2	220-012-1	Tetrasodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis[5-amino-4-hydroxynaphthalene-2,7-disulphonate]	Aromatic amines, Azo compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
26027-38-3	500-045-0	4-Nonylphenol, ethoxylated	Alkylphenols	Nonylphenol etoxilates are categorized as endocrine disruptors (cat 1), they are the precursors of Nonyl phenol which is a persistent and bio-accumulative substance. It has been found in the environment.	Candidate list, Restriction list (annex XVII)
26040-51-7	247-426-5	BEH-TEBP	Phthalates, Polyhalogenated	This substance has persistent, bioaccumulative and	CoRAP list

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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
			aromatics	toxic properties. It has been found in mammals, fish, bivalves and crustaceans. Both empirical and modelled data show PBT properties of this substance.	
26043-11-8	247-430-7	nickel hexafluorosilicate	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
26543-97-5	247-770-6	p-isononylphenol	Alkylphenols	Nonylphenol is an endocrine disruptor (cat 1) and is classified as possibly toxic for reproduction (R3), It is also persistent and bio-accumulative and it has been found in humans and the environment.	Candidate list
2687-91-4	220-250-6	N-Ethyl-2-pyrrolidone	Aminocarbonyl compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
27016-75-7	248-169-1	nickel arsenide	Nickel compounds, Arsenic compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Restriction list (annex XVII)
27140-08-5	248-259-0	Phenylhydrazine hydrochloride	Hydrazines	Classified CMR according to Annex VI of Regulation 1272/2008	
27193-28-8	248-310-7	(1,1,3,3-tetramethylbutyl)phenol	Alkylphenols	4-tert-octylphenol is an endocrine disruptor (cat 1) and adverse effects on reproductive systems has been reported. It is also persistent and it has been widely found in humans and the environment.	
27366-72-9	435-470-1	N,N-(dimethylamino)thioacetamide hydrochloride	Thioaminocarbonyl compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
27637-46-3	248-585-3	nickel isoctanoate	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
27942-27-4	248-743-1	20-(4-nonylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol	Alkylphenols	Nonylphenol etoxilates are categorized as endocrine disruptors (cat 1), they are the precursors of Nonyl phenol which is a persistent and bio-accumulative substance. It has been found in the environment.	Candidate list, Restriction list (annex XVII)
2795-39-3	220-527-1	potassium heptadecafluorooctane-1-sulfonate, potassium perfluorooctanesulfonate	Perfluorinated compounds	Initial assessment: PFOS is reported to be both carcinogenic and toxic for reproduction. It is also very bioaccumulative, very persistent and is widely found in both humans and the environment.; ;Current Assessment: Classified CMR according to Annex VI of	
28553-12-0	249-079-5	Diisononyl phthalate	Phthalates	For DINP reprotoxic effects and effects on	Restriction list

**Restricted and declarable substance list**  
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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
				development have been reported and it is a suspected endocrine disruptor. It has been detected in the environment and humans.	(annex XVII)
288-32-4	206-019-2	Imidazole		Classified CMR according to Annex VI of Regulation 1272/2008	CoRAP list
288864-02-8		Phenol, 4-tert- heptyl-	Alkylphenols	Substance is concluded to be an endocrine disruptor SVHC by ECHA Member State Committee.	Candidate list
29081-56-9	249-415-0	ammonium heptadecafluorooctanesulfonate, ammonium perfluorooctane sulfonate	Perfluorinated compounds	Initial assessment: PFOS is reported to be both carcinogenic and toxic for reproduction. It is also very bioaccumulative, very persistent and is widely found in both humans and the environment.; ;Current Assessment: Classified CMR according to Annex VI of	
29317-63-3	249-555-2	nickel(II) isooctanoate	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
29457-72-5	249-644-6	lithium heptadecafluorooctanesulfonate, lithium perfluorooctane sulfonate	Perfluorinated compounds	Initial assessment: PFOS is reported to be both carcinogenic and toxic for reproduction. It is also very bioaccumulative, very persistent and is widely found in both humans and the environment.; ;Current Assessment: Classified CMR according to Annex VI of	
294-62-2	206-033-9	Cyclododecane		Substance is concluded to be both PBT and vPvB by European Chemicals Bureau PBT Working Group.	
2965-52-8	221-003-5	C8 SAmPAP	Perfluorinated compounds	This substance has persistent bioaccumulative and toxic properties.It is known to degrade into the recognised POP PFOS. It has been detected in marine sediments and human blood.	
301-04-2	206-104-4	Lead di(acetate)	Lead compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
302-01-2	206-114-9	Hydrazine	Hydrazines	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
302-97-6	414-990-0	3-oxoandrost-4-ene-17-?-carboxylic acid		Classified CMR according to Annex VI of Regulation 1272/2008	

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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
3033-77-0	221-221-0	2,3-epoxypropyltrimethylammonium chloride	Electrophiles	Classified CMR according to Annex VI of Regulation 1272/2008	
307-55-1	206-203-2	Tricosafuorododecanoic acid	Perfluorinated compounds	Substance is concluded to be a vPvB SVHC by ECHA Member State Committee.	Candidate list
30784-27-1		Phenol, 4-(1-ethyl-1,2-dimethylpropyl)-	Alkylphenols	Substance is concluded to be an endocrine disruptor SVHC by ECHA Member State Committee.	Candidate list
30784-30-6	250-339-5	p-(1,1-dimethylheptyl)phenol	Alkylphenols	Nonylphenol is an endocrine disruptor (cat 1) and is classified as possibly toxic for reproduction (R3), it is also persistent and bio-accumulative and it has been found in humans and the environment.	Candidate list
30784-31-7		Phenol, 4-(1,1-dimethylpentyl)-	Alkylphenols	Substance is concluded to be an endocrine disruptor SVHC by ECHA Member State Committee.	Candidate list
30784-32-8		Phenol, 4-(1-ethyl-1-methylbutyl)-	Alkylphenols	Substance is concluded to be an endocrine disruptor SVHC by ECHA Member State Committee.	Candidate list
3108-42-7	221-470-5	Nonadecafluorodecanoic acid (PFDA) and its ammonium salts	Perfluorinated compounds	Substance is concluded to be a Reprotoxic substance and PBT SVHC by ECHA Member State Committee.	Candidate list
3165-93-3	221-627-8	4-chloro-o-toluidinium chloride	Aromatic amines	Classified CMR according to Annex VI of Regulation 1272/2008	
31748-25-1	250-788-7	nickel silicate (3:4)	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
3194-55-6	221-695-9	Hexabromocyclododecane	Polyhalogenated alkanes	Substance is concluded to be PBT by European Chemicals Bureau PBT Working Group.	Candidate list, Authorisation list (annex XIV)
32536-52-0	251-087-9	Diphenyl ether, octabromo derivative	Polyhalogenated aromatics	Substance is concluded to be PBT by European Chemicals Bureau PBT Working Group; Classified CMR according to Annex VI of Regulation 1272/2008	
33104-11-9		Phenol, 4-(1,1,3-trimethylbutyl)-	Alkylphenols	Substance is concluded to be an endocrine disruptor SVHC by ECHA Member State Committee.	Candidate list
33204-76-1	251-406-1	Quadrosilan; 2,6-cis-		Quadrosilan is an endocrine disruptor with	

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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
		Diphenylhexamethylcyclotetrasiloxane		estrogenic and antiandrogen activity, affecting reproductive organs and reproduction. It is categorized as an endocrine disruptor in the EU Commission EDC database.	
3333-67-3	222-068-2	Basic nickel carbonate, Carbonic acid, nickel (2+) salt, Nickel carbonate	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
334-88-3	206-382-7	Diazomethane	Electrophiles	Classified CMR according to Annex VI of Regulation 1272/2008	
3349-06-2	222-101-0	nickel diformate	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
3349-08-4	222-102-6	nickel(II) propionate	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
335-67-1	206-397-9	Perfluorooctanoic acid (PFOA)	Perfluorinated compounds	For PFOA carcinogenic and reprotoxic effects have been reported. It is persistent and is ubiquitously found in the environment and in humans.	Candidate list
335-76-2	206-400-3	Nonadecafluorodecanoic acid (PFDA)	Perfluorinated compounds	Substance is concluded to be a Reprotoxic substance SVHC by ECHA Member State Committee.	Candidate list
335-77-3 / 67906-42-7	206-401-9 / 267-709-7	PFDS	Perfluorinated compounds	This substance has persistent, bioaccumulative and toxic properties. It has been found in mammals, fish, bivalves and crustaceans. Both empirical and modelled data show PBT properties of this substance.	
3380-34-5	222-182-2	Triclosan		Triclosan is very toxic to aquatic life and endocrine disrupting effects have been reported. It is potentially bioaccumulative and has been widely found in both humans and the environment.	CoRAP list
34166-38-6		2-[2-[2-[2-[2-(4-nonylphenoxy)ethoxy]ethoxy]ethoxy]ethoxy]ethoxy]ethanol	Alkylphenols	Nonylphenol etoxilates are categorized as endocrine disruptors (cat 1), they are the precursors of Nonyl phenol which is a persistent and bio-accumulative substance. It has been found in the environment.	Authorisation list (annex XIV), Candidate list
34492-97-2	-	Bunsenite	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
355-46-4	206-587-1	PFHxS	Perfluorinated compounds	This substance has persistent, bioaccumulative and toxic properties. PFHxS is among the most	Candidate list



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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
				commonly detected PFCs in the environment and in biota, and an increasing trend over time has been observed. It has also been detected in humans. The substance ma	
36026-88-7	252-840-4	nickel phosphinate	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
36341-27-2	252-984-8	Benzidine acetate	Aromatic amines	Classified CMR according to Annex VI of Regulation 1272/2008	
36437-37-3	253-037-1	UV-350		Substance is concluded to be a vPvB SVHC by ECHA Member State Committee.	Candidate list
3648-20-2	222-884-9	Diundecyl phthalate, DuDP, branched and linear	Phthalates	This substance has endocrine disrupting properties. In vivo studies in rodents have shown disruption of male sex organs, decreased sperm quality and decreased ano-genital distance, which is a marker of anti-androgenicity during development.	Candidate list
36861-47-9	253-242-6	3-(4-Methylbenzylidene)camphor; 1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one	Electrophiles	3-(4-methylbenzylidene) camphor (4-MBC) is an endocrine disruptor with estrogen, antiandrogen, thyroid and progesterone activity, affecting several body functions and target organs including development of reproductive organs and behaviour. Therefore ChemSec considers this to be of equivalent level of concern according to the 57f criteria.	
3687-31-8	222-979-5	Trilead diarsenate	Lead compounds, Arsenic compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list, Restriction list (annex XVII)
37205-87-1	-	Isononylphenol-ethoxylate	Alkylphenols	Substance is agreed by RAC to be a classified CMR according to Annex VI of Regulation 1272/2008, however it is not yet formally included.	Candidate list, CoRAP list, Restriction list (annex XVII)
3724-43-4	425-970-6	chloro-N,N-dimethylformiminium chloride	Aminocarbonyl compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
37244-98-7	-	perboric acid, sodium salt, tetrahydrate	Boron compounds	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	Candidate list

**Restricted and declarable substance list**  
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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
373-02-4	206-761-7	nickel di(acetate)	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
37321-15-6	253-461-7	silicic acid, nickel salt	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
375-95-1	206-801-3	PFNA	Perfluorinated compounds	This substance has persistent, bioaccumulative and toxic properties. has been detected in human blood, in dolphins, seals and polar bears. Substance is concluded to be a PBT and Reprotoxic substance SVHC by ECHA Member State Committee.	Candidate list
376-06-7	206-803-4	Heptacosaflluorotetradecanoic acid	Perfluorinated compounds	Substance is concluded to be a vPvB SVHC by ECHA Member State Committee.	Candidate list
37853-59-1	253-692-3	BTBPE	Polyhalogenated aromatics	This substance has persistent, bioaccumulative and toxic properties. It has been detected in environmental samples from various regions including in dolphins, arctic gulls as well as domestic cats and dogs. It has also been detected in humans.	
37872-24-5		Phenol, 4-(1,1- diethylpropyl)-	Alkylphenols	Substance is concluded to be an endocrine disruptor SVHC by ECHA Member State Committee.	Candidate list
37894-46-5	253-704-7	6-(2-chloroethyl)-6-(2-methoxyethoxy)-2,5,7,10-tetraoxa-6-silaundecane	Glycol ethers	Classified CMR according to Annex VI of Regulation 1272/2008	
3825-26-1	223-320-4	Perfluorooctanoic acid (PFOA) ammonium salt	Perfluorinated compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
3830-45-3		Nonadecafluorodecanoic acid (PFDA) and its sodium salts	Perfluorinated compounds	Substance is concluded to be a Reprotoxic substance and PBT SVHC by ECHA Member State Committee.	Candidate list
3846-71-7	223-346-6	UV-320		Substance is concluded to be a PBT and vPvB SVHC by ECHA Member State Committee.	Candidate list
3864-99-1	223-383-8	UV-327		Substance is concluded to be a vPvB SVHC by ECHA Member State Committee.	Candidate list
3906-55-6	223-463-2	nickel bis(4-cyclohexylbutyrate)	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
39156-41-7	254-323-9	4-methoxy-m-	Aromatic amines	Classified CMR according to Annex VI of Regulation	

**Restricted and declarable substance list**  
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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
		phenylenediammonium sulphate		1272/2008	
39819-65-3	254-642-3	nickel bis(benzenesulfonate)	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
399-95-1	402-230-0	4-amino-3-fluorophenol	Aromatic amines	Classified CMR according to Annex VI of Regulation 1272/2008	
40722-80-3	429-740-6	(2-chloroethyl)(3-hydroxypropyl)ammonium chloride	Electrophiles	Classified CMR according to Annex VI of Regulation 1272/2008	
4149-60-4		Ammonium salts of perfluorononan-1-oic-acid	Perfluorinated compounds	Substance is concluded to be a PBT and Reprotoxic substance SVHC by ECHA Member State Committee.	Candidate list
4151-50-2	223-980-3	Sulfluramid (PFOSA)	Perfluorinated compounds	For PFOSA reprotoxic effects have been reported. It is a precursor of the vPvBT chemical PFOS and has been found in biomonitoring studies.	
4454-16-4	224-699-9	nickel bis(2-ethylhexanoate)	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
48122-14-1	256-356-4	Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] <i>[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]</i>	Electrophiles	Classified respiratory sensitizer concluded to be a SVHC by ECHA Member State Committee.	Candidate list
49663-84-5	256-418-0	Pentazinc chromate octahydroxide	Chromium compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list, Authorisation list (annex XIV)
4995-91-9	225-656-7	nickel(II) octanoate	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
50-00-0	200-001-8	Formaldehyde		Formaldehyde is a classified carcinogen, also reported to be mutagenic and toxic for	CoRAP list

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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
				reproduction. It is has been detected in both humans and the environment.	
50-32-8	200-028-5	Benzo[def]chrysene	Polyaromatics	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list, Restriction list (annex XVII)
513-78-0	208-168-9	cadmium carbonate	Cadmium compounds	Substance is agreed by RAC to be a classified CMR according to Annex VI of Regulation 1272/2008, identified as SVHC for the REACH Candidate List.	Candidate list, Restriction list (annex XVII)
513-79-1	208-169-4	Cobalt carbonate	Cobalt compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
51404-69-4	257-175-3	Acetic acid, lead salt, basic	Lead compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
5146-66-7	225-918-0	3,7-dimethylocta-2,6-dienitrile		Substance is agreed by RAC to be a classified CMR according to Annex VI of Regulation 1272/2008, however it is not yet formally included.	
51594-55-9	424-280-2	(R)-1-chloro-2,3-epoxypropane	Electrophiles	Classified CMR according to Annex VI of Regulation 1272/2008	
51-79-6	200-123-1	Urethane	Aminocarbonyl compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
51818-56-5	257-447-1	neodecanoic acid, nickel salt	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
52033-74-6	257-622-2	Phenylhydrazinium sulphate (2:1)	Hydrazines	Classified CMR according to Annex VI of Regulation 1272/2008	
5216-25-1	226-009-1	a,a,a,4-tetrachlorotoluene		Classified CMR according to Annex VI of Regulation 1272/2008	
52427-13-1	257-907-1	4-(1-ethyl-1-methylhexyl)phenol	Alkylphenols	Nonylphenol is an endocrine disruptor (cat 1) and is classified as possibly toxic for reproduction (R3). It is also persistent and bio-accumulative and it has been found in humans and the environment.	Candidate list
52502-12-2	257-970-5	nickel divanadium hexaoxide	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
52625-25-9	258-051-1	nickel 3,5-bis(tert-butyl)-4-hydroxybenzoate (1:2)	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
531-85-1	208-519-6	Benzidine dihydrochloride	Aromatic amines	Classified CMR according to Annex VI of Regulation 1272/2008	
531-86-2	208-520-1	[[1,1'-biphenyl]-4,4'-	Aromatic amines	Classified CMR according to Annex VI of Regulation	

**Restricted and declarable substance list**  
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Lufthansa Technik Group and Deutsche Lufthansa AG

CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
		diyl]diammonium sulphate		1272/2008	
53-70-3	200-181-8	Dibenz[a,h]anthracene	Polyaromatics	Classified CMR according to Annex VI of Regulation 1272/2008	Restriction list (annex XVII)
540-73-8		1,2-dimethylhydrazine	Hydrazines	Classified CMR according to Annex VI of Regulation 1272/2008	
540-97-6	208-762-8	Dodecamethylcyclhexasiloxane (D6)		Substance is concluded to be a PBT and vPvB SVHC by ECHA Member State Committee.	Candidate list
541-02-6	208-764-9	Decamethylcyclopentasiloxane (D5)		Substance is concluded to be a PBT and vPvB SVHC by ECHA Member State Committee.	Candidate list
542-56-3	208-819-7	Isobutyl nitrite		Classified CMR according to Annex VI of Regulation 1272/2008	
542-88-1	208-832-8	Oxybis[chloromethane]	Electrophiles	Classified CMR according to Annex VI of Regulation 1272/2008	
5466-77-3 / 83834-59-7	226-775-7	2-ethylhexyl 4-methoxycinnamate	Electrophiles	Substance is an endocrine disruptor with estrogenic and thyroid activity, affecting several body functions including development, brain and metabolism. The substance has been found in biomonitoring studies and in human milk. It is categorized as an endocrine disruptor in the EU Commission EDC database.	
546-67-8	208-908-0	Lead tetraacetate	Lead compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
547-67-1	208-933-7	nickel oxalate	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
548-62-9	208-953-6	[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)]	Aromatic amines, Electrophiles	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
552-30-7	209-008-0	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride		Classified respiratory sensitizer concluded to be a SVHC by ECHA Member State Committee	Candidate list
553-00-4	209-030-0	2-naphthylammonium acetate	Aromatic amines, Polyaromatics	Classified CMR according to Annex VI of Regulation	Restriction list

**Restricted and declarable substance list**  
Mandatory requirement for suppliers of  
Lufthansa Technik Group and Deutsche Lufthansa AG

CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
				1272/2008	(annex XVII)
553-71-9	209-046-8	nickel dibenzoate	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
5543-57-7	226-907-3	(S)-4-hydroxy-3-(3-oxo-1-phenylbutyl)-2-benzopyrone		Classified CMR according to Annex VI of Regulation 1272/2008	
5543-58-8	226-908-9	(R)-4-hydroxy-3-(3-oxo-1-phenylbutyl)-2-benzopyrone		Classified CMR according to Annex VI of Regulation 1272/2008	
556-52-5	209-128-3	2,3-epoxypropan-1-ol	Electrophiles	Classified CMR according to Annex VI of Regulation 1272/2008	
556-67-2	209-136-7	Octamethylcyclotetrasiloxane		Octamethylcyclotetrasiloxane is classified as a possible reprotoxic chemical (R3) and is categorized as an endocrine disruptor (cat 1). It is a potential PBT/ vPvB substance and has been detected in various environmental samples including biota and humans	Candidate list
5571-36-8	427-230-8	cyclic 3-(1,2-ethanediyacetale)-estra-5(10),9(11)-diene-3,17-dione		Classified CMR according to Annex VI of Regulation 1272/2008	
557-19-7	209-160-8	nickel dicyanide	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
561-41-1	209-218-2	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)]	Aromatic amines, Electrophiles	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
5625-90-1	227-062-3	N,N'-methylenedimorpholine; N,N'-methylenebismorpholine;[formaldehyde released from N,N'-methylenebismorpholine];[MBM]		Substance is agreed by RAC to be a classified CMR according to Annex VI of Regulation 1272/2008, however it is not yet formally included.	
56-35-9	200-268-0	Tributyltin oxide (TBTO)	Tin compounds	Substance is concluded to be PBT by European Chemicals Bureau PBT Working	Candidate list
56-55-3	200-280-6	Benz[a]anthracene	Polyaromatics	Classified CMR according to Annex VI of Regulation 1272/2008, identified as SVHC also due to vPvB	Candidate list, Restriction list

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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
				properties	(annex XVII)
56573-85-4	-	Tributyltin	Tin compounds	Tributyltin (TBT) is an endocrine disruptor (cat 1) which is also very persistent and very bio-accumulative. It has been frequently found in humans and the environment.	
569-61-9	209-321-2	4,4'-(4-iminocyclohexa-2,5-dienylidenemethylene)dianiline hydrochloride	Aromatic amines, Electrophiles	Classified CMR according to Annex VI of Regulation 1272/2008	
57044-25-4	404-660-4	R-2,3-epoxy-1-propanol	Electrophiles	Classified CMR according to Annex VI of Regulation 1272/2008	
57110-29-9	260-566-1	Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] <i>[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]</i>	Electrophiles	Classified respiratory sensitizer concluded to be a SVHC by ECHA Member State Committee.	Candidate list
57-14-7	200-316-0	N,N-dimethylhydrazine	Hydrazines	Classified CMR according to Annex VI of Regulation 1272/2008	
573-58-0	209-358-4	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate)	Aromatic amines, Azo compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
57-57-8	200-340-1	Propiolactone	Electrophiles	Classified CMR according to Annex VI of Regulation 1272/2008	
581-89-5	209-474-5	2-nitronaphthalene	Polyaromatics, Nitro compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
58591-45-0	261-346-8	cobalt nickel dioxide	Nickel compounds, Cobalt compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
592-62-1	209-765-7	(methyl-ONN-azoxy)methyl acetate	Nitrosamines	Classified CMR according to Annex VI of Regulation 1272/2008	

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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
593-60-2	209-800-6	Bromoethylene		Classified CMR according to Annex VI of Regulation 1272/2008	
59653-74-6	423-400-0	1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione	Electrophiles	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
59-88-1	200-444-7	Phenylhydrazinium chloride	Hydrazines	Classified CMR according to Annex VI of Regulation 1272/2008	
60-09-3	200-453-6	4-aminoazobenzene	Aromatic amines, Azo compounds	Classified CMR (Class I & II) according to Annex 1 of Directive 67/548/EEC	Candidate list
602-01-7	210-013-5	2,3-dinitrotoluene	Nitro compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
602-87-9	210-025-0	1,2-dihydro-5-nitroacenaphthylene	Polyaromatics, Nitro compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
60-34-4	200-471-4	methylhydrazine		Substance is agreed by RAC to be a classified CMR according to Annex VI of Regulation 1272/2008, however it is not yet formally included.	
605-50-5	210-088-4	Diisopentyl phthalate	Phthalates	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
606-20-2	210-106-0	2,6-dinitrotoluene	Nitro compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
610-39-9	210-222-1	3,4-dinitrotoluene	Nitro compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
611-99-4	210-288-1	4,4'-dihydroxybenzophenone	Bisphenols	4,4'-dihydroxybenzophenone is an endocrine disrupter with estrogenic and antiandrogen activity, affecting reproduction and reproductive organs. It is categorized as an endocrine disruptor in the EU Commission EDC database.	
612-52-2	210-313-6	2-naphthylammonium chloride	Aromatic amines, Polyaromatics	Classified CMR according to Annex VI of Regulation 1272/2008	Restriction list (annex XVII)
612-82-8	210-322-5	4,4'-bi-o-toluidine dihydrochloride	Aromatic amines	Classified CMR according to Annex VI of Regulation 1272/2008	
612-83-9	210-323-0	3,3'-dichlorobenzidine dihydrochloride	Aromatic amines	Classified CMR according to Annex VI of Regulation 1272/2008	
613-35-4	210-338-2	N,N-[1,1-biphenyl]-4,4-diylbisacetamide	Aromatic amines	Classified CMR according to Annex VI of Regulation 1272/2008	
615-05-4	210-406-1	4-methoxy-m-	Aromatic amines	Classified CMR according to Annex VI of Regulation	



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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
		phenylenediamine		1272/2008	
61571-06-0	407-330-8	Tetrahydrothiopyran-3-carboxaldehyde		Classified CMR according to Annex VI of Regulation 1272/2008	
61788-32-7	262-967-7	Terphenyl hydrogenated		Substance is concluded to be a vPvB SVHC by ECHA Member State Committee.	Candidate list
618-85-9	210-566-2	3,5-dinitrotoluene	Nitro compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
HF 619-15-8	210-581-4	2,5-dinitrotoluene	Nitro compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
620-92-8	210-658-2	Bisphenol F	Bisphenols	This substance has endocrine disrupting properties. Exposure to diisodecyl phthalate in vivo has lead to disturbed reproduction and development in rodents, daphnia and fish. There is in vitro evidence of thyroidogenic activity and in vivo and in vitro evi	
621-64-7	210-698-0	Nitrosodipropylamine	Nitrosamines	Classified CMR according to Annex VI of Regulation 1272/2008	
62229-08-7	263-467-1	Sulfurous acid, lead salt, dibasic	Lead compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
62-53-3	200-539-3	Aniline	Aromatic amines	Aniline is classified as a possible carcinogen (C3) and as a possible mutagenic substance (M3). Aniline is very toxic and has been found in both humans and environmental samples.	
625-45-6	210-894-6	Methoxyacetic acid	Glycol ethers	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
62-55-5	200-541-4	Thioacetamide	Thioaminocarbonyl compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
62-75-9	200-549-8	Dimethylnitrosoamine	Nitrosamines	Classified CMR according to Annex VI of Regulation 1272/2008	
629-14-1	211-076-1	1,2-diethoxyethane	Glycol ethers	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
630-08-0	211-128-3	Carbon monoxide		Classified CMR according to Annex VI of Regulation 1272/2008	
63449-39-8	264-150-0	Chlorinated paraffins (CPs)	Polyhalogenated alkanes	For chlorinated paraffins (CPs) carcinogenic effects have been reported and several congeners are identified PBT and endocrine disruptors (SCCPs) or likely PBT/vPvBs. They are ubiquitously found in	

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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
				biomonitoring studies, including in human breast milk and	
639-58-7	211-358-4	Triphenyltin chloride	Tin compounds	Triphenyltin (TPHT) compounds are an endocrine disruptor (cat 1) and is classified as both possible carcinogen (C3) and toxic for reproduction (R3). It is also very persistent and very bio-accumulative and has been found in humans and the environment.	Restriction list (annex XVII)
6465-71-0		phenol, 4-(1- propylbutyl)-	Alkylphenols	Substance is concluded to be an endocrine disruptor SVHC by ECHA Member State Committee.	Candidate list
6465-74-3		phenol, 4-(1- ethylpentyl)-	Alkylphenols	Substance is concluded to be an endocrine disruptor SVHC by ECHA Member State Committee.	Candidate list
64-67-5	200-589-6	Diethyl sulphate	Electrophiles	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
64741-41-9	265-041-0	Naphtha (petroleum), heavy straight-run	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
64741-42-0	265-042-6	Naphtha (petroleum), full-range straight-run	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
64741-45-3	265-045-2	Residues (petroleum), atm. tower	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
64741-46-4	265-046-8	Naphtha (petroleum), light straight-run	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
64741-47-5	265-047-3	Natural gas condensates (petroleum)	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
64741-48-6	265-048-9	Natural gas (petroleum), raw liq. Mix	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	

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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
				history is known)	
64741-50-0	265-051-5	Distillates (petroleum), light paraffinic	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
64741-51-1	265-052-0	Distillates (petroleum), heavy paraffinic	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
64741-52-2	265-053-6	Distillates (petroleum), light naphthenic	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
64741-53-3	265-054-1	Distillates (petroleum), heavy naphthenic	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
64741-54-4	265-055-7	Naphtha (petroleum), heavy catalytic cracked	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
64741-55-5	265-056-2	Naphtha (petroleum), light catalytic cracked	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
64741-57-7	265-058-3	Gas oils (petroleum), heavy vacuum	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
64741-59-9	265-060-4	Distillates (petroleum), light catalytic cracked	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
64741-60-2	265-062-5	Distillates (petroleum), intermediate catalytic cracked	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
64741-61-3	265-063-0	Distillates (petroleum), heavy catalytic cracked	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
64741-62-4	265-064-6	Clarified oils (petroleum), catalytic cracked	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
64741-63-5	265-065-1	Naphtha (petroleum), light catalytic reformed	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
64741-64-6	265-066-7	Naphtha (petroleum), full-range alkylate	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
64741-66-8	265-068-8	Naphtha (petroleum), light	Petroleum	Classified CMR according to Annex VI of Regulation	

**Restricted and declarable substance list**  
Mandatory requirement for suppliers of  
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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
		alkylate		1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
64741-67-9	265-069-3	Residues (petroleum), catalytic reformer fractionator	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
64741-68-0	265-070-9	Naphtha (petroleum), heavy catalytic reformed	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
64741-69-1	265-071-4	Naphtha (petroleum), light hydrocracked	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
64741-70-4	265-073-5	Naphtha (petroleum), isomerization	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
64741-74-8	265-075-6	Naphtha (petroleum), light thermal cracked	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
64741-75-9	265-076-1	Residues (petroleum), hydrocracked	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
64741-76-0	265-077-7	Distillates (petroleum), heavy hydrocracked	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
64741-78-2	265-079-8	Naphtha (petroleum), heavy hydrocracked	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
64741-80-6	265-081-9	Residues (petroleum), thermal cracked	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
64741-81-7	265-082-4	Distillates (petroleum), heavy thermal cracked	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
64741-82-8	265-084-5	Distillates (petroleum), light	Petroleum	Classified CMR according to Annex VI of Regulation	

**Restricted and declarable substance list**  
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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
		thermal cracked		1272/2008	
64741-83-9	265-085-0	Naphtha (petroleum), heavy thermal cracked	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
64741-84-0	265-086-6	Naphtha (petroleum), solvent-refined light	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
64741-86-2	265-088-7	Distillates (petroleum), sweetened middle	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
64741-87-3	265-089-2	Naphtha (petroleum), sweetened	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
64741-88-4	265-090-8	Distillates (petroleum), solvent-refined heavy paraffinic	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
64741-89-5	265-091-3	Distillates (petroleum), solvent-refined light paraffinic	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
64741-95-3	265-096-0	Residual oils (petroleum), solvent deasphalted	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
64741-96-4	265-097-6	Distillates (petroleum), solvent-refined heavy naphthenic	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
64741-97-5	265-098-1	Distillates (petroleum), solvent-refined light naphthenic	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	

**Restricted and declarable substance list**  
Mandatory requirement for suppliers of  
Lufthansa Technik Group and Deutsche Lufthansa AG

CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
				history is known)	
64742-01-4	265-101-6	Residual oils (petroleum), solvent-refined	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
64742-04-7	265-103-7	Extracts (petroleum), heavy paraffinic distillate solvent	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
64742-05-8	265-104-2	Extracts (petroleum), light paraffinic distillate solvent	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
64742-11-6	265-111-0	Extracts (petroleum), heavy naphthenic distillate solvent	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
64742-44-5	265-146-1	Distillates (petroleum), clay-treated heavy naphthenic	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
64742-46-7	265-148-2	Distillates (petroleum), hydrotreated middle	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
64742-48-9	265-150-3	Naphtha (petroleum), hydrotreated heavy	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
64742-49-0	265-151-9	Naphtha (petroleum), hydrotreated light	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
64742-52-5	265-155-0	Distillates (petroleum), hydrotreated heavy naphthenic	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
64742-53-6	265-156-6	Distillates (petroleum), hydrotreated light naphthenic	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
64742-54-7	265-157-1	Distillates (petroleum),	Petroleum	Classified CMR according to Annex VI of Regulation	

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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
		hydrotreated heavy paraffinic		1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
64742-55-8	265-158-7	Distillates (petroleum), hydrotreated light paraffinic	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
64742-56-9	265-159-2	Distillates (petroleum), solvent-dewaxed light paraffinic	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
64742-57-0	265-160-8	Residual oils (petroleum), hydrotreated	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
64742-59-2	265-162-9	Gas oils (petroleum), hydrotreated vacuum	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
64742-61-6	265-165-5	Slack wax (petroleum)	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
64742-62-7	265-166-0	Residual oils (petroleum), solvent-dewaxed	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
64742-65-0	265-169-7	Distillates (petroleum), solvent-dewaxed heavy paraffinic	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
64742-66-1	265-170-2	Naphtha (petroleum), catalytic dewaxed	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
64742-67-2	265-171-8	Foots oil (petroleum)	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	

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Mandatory requirement for suppliers of  
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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
				history is known)	
64742-70-7	265-174-4	Paraffin oils (petroleum), catalytic dewaxed heavy	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
64742-71-8	265-176-5	Paraffin oils (petroleum), catalytic dewaxed light	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
64742-73-0	265-178-6	Naphtha (petroleum), hydrodesulfurized light	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
64742-78-5	265-181-2	Residues (petroleum), hydrodesulfurized atmospheric tower	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
64742-79-6	265-182-8	Gas oils (petroleum), hydrodesulfurized	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
64742-80-9	265-183-3	Distillates (petroleum), hydrodesulfurized middle	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
64742-82-1 / 8052-41-3	265-185-4	Stoddard Solvent; Naphtha (petroleum), hydrodesulfurized heavy	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
64742-83-2	265-187-5	Naphtha (petroleum), light steam-cracked	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
64742-86-5	265-189-6	Gas oils (petroleum), hydrodesulfurized heavy vacuum	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
64742-89-8	265-192-2	Solvent naphtha (petroleum), light aliph.	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants	



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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
				are below below legal thresholds and/or full refining history is known)	
64742-90-1	265-193-8	Residues (petroleum), steam-cracked	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
64742-95-6	265-199-0	Solvent naphtha (petroleum), light arom.	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
64743-01-7	265-206-7	Petrolatum (petroleum), oxidized	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
6477-64-1	229-335-2	Lead dipicrate	Lead compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
64-86-8	200-598-5	colchicine		Classified CMR according to Annex VI of Regulation 1272/2008	
64969-34-2	265-293-1	3,3'-dichlorobenzidine dihydrogen bis(sulphate)	Aromatic amines	Classified CMR according to Annex VI of Regulation 1272/2008	
64969-36-4	265-294-7	[3,3'-dimethyl[1,1'-biphenyl]-4,4'-diyl]diammonium bis(hydrogen sulphate)	Aromatic amines	Classified CMR according to Annex VI of Regulation 1272/2008	
65229-23-4	-	nickel boron phosphide	Nickel compounds, Boron compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
65277-42-1	265-667-4	1-[4-[4-[[[(2SR,4RS)-2-(2,4-dichlorophenyl)-2-(imidazol-1-ylmethyl)-1,3-dioxolan-4-yl]methoxy]phenyl]piperazin-1-yl]ethanone]ketoconazole	Aromatic amines	Classified CMR according to Annex VI of Regulation 1272/2008	
65321-67-7	265-697-8	Toluene-2,4-diammonium sulphate	Aromatic amines	Classified CMR according to Annex VI of Regulation 1272/2008	
65405-96-1	265-748-4	[u-[carbonato(2-)-O:O']] dihydroxy trinickel	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
65996-79-4	266-013-0	Solvent naphtha (coal)	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	

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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
65996-93-2	266-028-2	Pitch, coal tar, high-temp.	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
66-81-9	200-636-0	Cicloheximide		Classified CMR according to Annex VI of Regulation 1272/2008	
668-34-8		Triphenyltin (TPhT)	Tin compounds	Triphenyltin (TPhT) compounds are an endocrine disruptor (cat 1) and is classified as both possible carcinogen (C3) and toxic for reproduction (R3). It is also very persistent and very bio-accumulative and has been found in humans and the environment.	Restriction list (annex XVII)
678-41-1	211-649-6	8:2-diPAP	Perfluorinated compounds	This substance has persistent, bioaccumulative and toxic properties. It has been detected in human blood samples and it is known to degrade into PFOA, which in turn is a PBT under REACH.	
6786-83-0	229-851-8	alpha,alpha-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)]	Aromatic amines, Electrophiles	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
67952-43-6	267-897-0	nickel dichlorate	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
68016-03-5	268-169-5	cobalt dimolybdenum nickel octaoxide	Nickel compounds, Cobalt compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
680-31-9	211-653-8	Hexamethylphosphoric triamide		Classified CMR according to Annex VI of Regulation 1272/2008	
6804-07-5	229-879-0	Carbadox	Azo compounds	Classified CMR (Class I & II) according to Annex 1 of Directive 67/548/EEC	
68049-83-2		Azafenidin		Classified CMR according to Annex VI of Regulation 1272/2008	
6807-17-6	401-720-1	4,4-isobutylethylidenediphenol	Bisphenols	Classified CMR according to Annex VI of Regulation 1272/2008	
68-12-2	200-679-5	N,N-dimethylformamide	Aminocarbonyl compounds	Classified CMR (Class I & II) according to Annex 1 of Directive 67/548/EEC	Candidate list
68130-19-8	-	silicic acid, lead nickel salt	Nickel compounds, Lead	Classified CMR according to Annex VI of Regulation	

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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
			compounds	1272/2008	
68130-36-9	268-585-7	molybdenum nickel hydroxide oxide phosphate	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
68131-75-9	268-629-5	Gases (petroleum), C3-4	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
68134-59-8	268-755-0	formic acid, copper nickel salt	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
68186-89-0	269-051-6	C.I. 77332, C.I. Pigment Black 25, cobalt nickel gray periclase	Nickel compounds, Cobalt compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
683-18-1	211-670-0	Dibutyltin dichloride	Tin compounds	Initial assessment: Dibutyl tin (DBT) compounds are potential endocrine disruptors, showing also immunotoxic as well as reprotoxic effects and is highly toxic to aquatic species. It is very bio-accumulative and possibly persistent. Dibutyl tin has been wi	Candidate list
68333-22-2	269-777-3	Residues (petroleum), atmospheric	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
68333-25-5	269-781-5	Distillates (petroleum), hydrodesulfurized light catalytic cracked	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
68391-11-7	269-929-9	Pyridine, alkyl derivs.	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
68409-99-4	270-071-2	Gases (petroleum), catalytic cracked overheads	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
68410-05-9	270-077-5	Distillates (petroleum), straight-run light	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
68410-71-9	270-088-5	Raffinates (petroleum), catalytic reformer ethylene	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants	

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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
		glycol-water countercurrent exts.		are below below legal thresholds and/or full refining history is known)	
68410-96-8	270-092-7	Distillates (petroleum), hydrotreated middle, intermediate boiling	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
68410-97-9	270-093-2	Distillates (petroleum), light distillate hydrotreating process, low-boiling	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
68411-07-4	614-455-3	Copper Lead Resorcyate Salicylate Complex	Lead compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
68412-54-4	500-209-1	Nonylphenol, branched, ethoxylated	Alkylphenols	Nonylphenol etoxilates are categorized as endocrine disruptors (cat 1), they are the precursors of Nonyl phenol which is a persistent and bio-accumulative substance. It has been found in the environment.	Candidate list, CoRAP list, Restriction list (annex XVII)
68475-60-5	270-654-1	Alkanes, C4-5	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
68475-70-7	270-658-3	Aromatic hydrocarbons, C6-8, naphtha-raffinate pyrolyzate-derived	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
68475-79-6	270-660-4	Distillates (petroleum), catalytic reformed depentanizer	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
68475-80-9	270-662-5	Distillates (petroleum), light steam-cracked naphtha	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
68476-26-6	270-667-2	Fuel gases	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
68476-29-9	270-670-9	Fuel gases, crude oil distillates	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants	

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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
				are below below legal thresholds and/or full refining history is known)	
68476-32-4	270-674-0	Fuel oil, residues-straight-run gas oils, high-sulfur	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
68476-33-5	270-675-6	Fuel oil, residual	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
68476-40-4	270-681-9	Hydrocarbons, C3-4	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
68476-46-0	270-686-6	Hydrocarbons, C3-11, catalytic cracker distillates	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
68476-49-3	270-689-2	Hydrocarbons, C2-4, C3-rich	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
68476-50-6	270-690-8	Hydrocarbons, C <sup>n</sup> e5, C5-6-rich	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
68476-55-1	270-695-5	Hydrocarbons, C5-rich	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
68476-85-7	270-704-2	Petroleum gases, liquefied	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
68476-86-8	270-705-8	Petroleum gases, liquefied, sweetened	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
68477-33-8	270-724-1	Gases (petroleum), C3-4, isobutane-rich	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants	

**Restricted and declarable substance list**  
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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
				are below below legal thresholds and/or full refining history is known)	
68477-35-0	270-726-2	Distillates (petroleum), C3-6, piperylene-rich	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
68477-38-3	270-727-8	Distillates (petroleum), cracked steam-cracked petroleum distillates	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
68477-50-9	270-735-1	Distillates (petroleum), polymd. steam-cracked petroleum distillates, C5-12 fraction	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
68477-53-2	270-736-7	Distillates (petroleum), steam-cracked, C5-12 fraction	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
68477-69-0	270-750-3	Gases (petroleum), butane splitter overheads	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
68477-71-4	270-752-4	Gases (petroleum), catalytic-cracked gas oil depropanizer bottoms, C4-rich acid-free	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
68477-77-0	270-759-2	Gases (petroleum), catalytic reformed naphtha stripper overheads	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
68477-83-8	270-765-5	Gases (petroleum), C3-5 olefinic-paraffinic alkylation feed	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
68477-87-2	270-769-7	Gases (petroleum), deisobutanizer tower overheads	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	

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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
				history is known)	
68477-90-7	270-772-3	Gases (petroleum), depropanizer dry, propene-rich	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
68478-17-1	270-796-4	Residues (petroleum), heavy coker gas oil and vacuum gas oil	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
68512-62-9	270-984-6	Residues (petroleum), light vacuum	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
68512-91-4	270-990-9	Hydrocarbons, C3-4-rich, petroleum distillate	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
68513-02-0	270-991-4	Naphtha (petroleum), full-range coker	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
68513-03-1	270-993-5	Naphtha (petroleum), light catalytic reformed, arom.-free	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
68513-66-6	271-010-2	Residues (petroleum), alkylation splitter, C4-rich	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
68513-69-9	271-013-9	Residues (petroleum), steam-cracked light	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
68514-79-4	271-058-4	Petroleum products, hydrofiner-powerformer reformates	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
68515-42-4	271-084-6	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	Phthalates	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
68515-48-0	271-090-9	1,2-benzenedicarboxylic acid,	Phthalates	For DINP reprotoxic effects and effects on	Restriction list

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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
		di-C8-10-branched alkyl esters, C9-rich		development have been reported and it is a suspected endocrine disruptor. It has been detected in the environment and humans.	(annex XVII)
68515-49-1 / 26761-40-0	271-091-4 / 247-977-1	Diisodecyl phthalate, DiDP	Phthalates	This substance has endocrine disrupting properties. Exposure to diisodecyl phthalate in vivo has lead to disturbed reproduction and development in rodents, daphnia and fish. There is in vitro evidence of thyroidogenic activity and in vivo and in vitro evidence of estrogenic action.	Restriction list (annex XVII)
68515-50-4	271-093-5	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	Phthalates	This substance was included on the candidate list in June 2014 for being toxic to reproduction. In parallel it is in the process of being officially classifies as toxic to reproduction (Repr. 1B).	Candidate list
68515-51-5 / 68648-93-1	271-094-0 / 272-013-1	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters	Phthalates	This substance was included on the candidate list in June 2015 for being Toxic for reproduction (Article 57 c)	Candidate list
68515-84-4	271-112-7	olivine, nickel green	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
68516-20-1	271-138-9	Naphtha (petroleum), steam-cracked middle arom.	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
68527-18-4	271-260-2	Gas oils (petroleum), steam-cracked	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
68527-23-1	271-264-4	Naphtha (petroleum), light steam-cracked arom.	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
68527-26-4	271-266-5	Naphtha (petroleum), light steam-cracked, debenzenized	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
68527-27-5	271-267-0	Naphtha (petroleum), full-range alkylate, butane-contg.	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	



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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
68553-00-4	271-384-7	Fuel oil, no. 6	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
68602-83-5	271-624-0	Gases (petroleum), C1-5, wet	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
68603-08-7	271-635-0	Naphtha (petroleum), arom	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
68606-10-0	271-726-5	Gasoline, pyrolysis, debutanizer bottoms	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
68606-11-1	271-727-0	Gasoline, straight-run, topping-plant	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
68606-26-8	271-735-4	Hydrocarbons, C3	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
68607-30-7	271-763-7	Residues (petroleum), topping plant, low-sulfur	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
68610-24-2	271-853-6	C.I. 77900	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
6863-24-7		phenol, 4-(1- methylhexyl)-	Alkylphenols	Substance is concluded to be an endocrine disruptor SVHC by ECHA Member State Committee.	Candidate list
68783-04-0	272-180-0	Extracts (petroleum), solvent-refined heavy paraffinic distillate solvent	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
68783-07-3	272-183-7	Gases (petroleum), refinery blend	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	

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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
				history is known)	
68783-08-4	272-184-2	Gas oils (petroleum), heavy atmospheric	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
68783-12-0	272-186-3	Naphtha (petroleum), unsweetened	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
68783-65-3	272-205-5	Gases (petroleum), C2-4, sweetened	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
68783-66-4	272-206-0	Naphtha (petroleum), light, sweetened	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
68784-75-8	272-271-5	Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped	Lead compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
68814-67-5	272-338-9	Gases (petroleum), refinery	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
68814-89-1	272-342-0	Extracts (petroleum), heavy paraffinic distillates, solvent-deasphalted	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
688-73-3	211-704-4	Tributyltin hydride	Tin compounds	Tributyltin (TBT) is an endocrine disruptor (cat 1) which is also very persistent and very bio-accumulative. It has been frequently found in humans and the environment.	
68919-10-8	272-883-2	Gases (petroleum), straight-run stabilizer off	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
68919-37-9	272-895-8	Naphtha (petroleum), full-range reformed	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	

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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
				history is known)	
68921-08-4	272-931-2	Distillates (petroleum), light straight-run gasoline fractionation stabilizer overheads	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
68955-27-1	273-263-4	Distillates (petroleum), petroleum residues vacuum	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
68955-28-2	273-265-5	Gases (petroleum), light steam-cracked, butadiene conc.	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
68955-29-3	273-266-0	Distillates (petroleum), light thermal cracked, debutanized arom.	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
68955-35-1	273-271-8	Naphtha (petroleum), catalytic reformed	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
68987-90-6		Poly(oxy-1,2-ethanediyl), alpha-(octylphenyl)-omega-hydroxy-branched	Alkylphenols	Octylphenoethoxylates are reported to have endocrine disrupting properties. They are the precursors of Octylphenol which is a persistent substance. It has been found in the environment.	
68989-88-8	273-563-5	Gases (petroleum), crude distn. and catalytic cracking	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
69011-06-9	273-688-5	[Phthalato(2-)]dioxotrilead	Lead compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
69012-50-6	273-749-6	Nickel matte	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
70225-14-8	274-460-8	diethanolamine perfluorooctane sulfonate	Perfluorinated compounds	Initial assessment: PFOS is reported to be both carcinogenic and toxic for reproduction. It is also very bioaccumulative, very persistent and is widely found in both humans and the environment.; ;Current Assessment: Classified CMR according to	

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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
				Annex VI of	
70-25-7	200-730-1	1-methyl-3-nitro-1-nitrosoguanidine	Nitrosamines	Classified CMR according to Annex VI of Regulation 1272/2008	
70592-76-6	274-683-0	Distillates (petroleum), intermediate vacuum	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
70592-77-7	274-684-6	Distillates (petroleum), light vacuum	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
70592-78-8	274-685-1	Distillates (petroleum), vacuum	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
70657-70-4	274-724-2	2-methoxypropyl acetate	Glycol ethers	Classified CMR according to Annex VI of Regulation 1272/2008	
70692-93-2	274-755-1	nickel zirkonium trioxide	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
70987-78-9	417-210-7	Oxiranemethanol, 4-methylbenzene-sulfonate, (S)-	Electrophiles	Classified CMR according to Annex VI of Regulation 1272/2008	
71-43-2	200-753-7	Benzene		Classified CMR according to Annex VI of Regulation 1272/2008	Restriction list (annex XVII)
71-48-7	200-755-8	Cobalt acetate	Cobalt compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
71720-48-4	275-897-7	ethyl hydrogen sulfate, nickel(II) salt	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
71868-10-5	400-600-6	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one		Substance is agreed by RAC to be a classified CMR according to Annex VI of Regulation 1272/2008, however it is not yet formally included.	
71888-89-6	276-158-1	1,2-benzenedicarboxylic acid, di-C6-8-branched alkylesters, C7-rich (DIHP)	Phthalates	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
71945-81-8		Phenol, 4-(1,3-dimethylpentyl)-	Alkylphenols	Substance is concluded to be an endocrine disruptor SVHC by ECHA Member State Committee.	Candidate list
71957-07-8	276-205-6	bis(d-gluconato-O1,O2)nickel	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
72319-19-8	-	2,7-naphthalenedisulfonic acid, nickel(II) salt	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
72623-85-9	276-736-3	Lubricating oils (petroleum), C20-50, hydrotreated neutral	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants	

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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
		oil-based, high-viscosity		are below below legal thresholds and/or full refining history is known)	
72623-86-0	276-737-9	Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
72623-87-1	276-738-4	Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
72624-02-3	276-743-1	Phenol, heptyl derivs.	Alkylphenols	Substance is concluded to be an endocrine disruptor SVHC by ECHA Member State Committee.	Candidate list
72629-94-8	276-745-2	Pentacosfluorotridecanoic acid	Perfluorinated compounds	Substance is concluded to be a vPvB SVHC by ECHA Member State Committee.	Candidate list
72861-06-4		Phenol, 4(1,1,2,2tetramethylpropyl)-	Alkylphenols	Substance is concluded to be an endocrine disruptor SVHC by ECHA Member State Committee.	Candidate list
7311-27-5	230-770-5	2-[2-[2-[2-(4-nonylphenoxy)ethoxy]ethoxy]ethoxy]ethanol	Alkylphenols	Nonylphenol etoxilates are categorized as endocrine disruptors (cat 1), they are the precursors of Nonyl phenol which is a persistent and bio-accumulative substance. It has been found in the environment.	Candidate list, Restriction list (annex XVII)
732-26-3	211-989-5	2,4,6-Tri-tert-butylphenol	Alkylphenols	This substance has persistent, bioaccumulative and toxic properties. The substance shows both experimental and estimated P, B and T properties. It has been found in environmental samples including fish.	CoRAP list
74195-78-1	-	diammonium nickel hexacyanoferrate	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
74332-73-3	277-822-3	3,3'-dichlorobenzidine sulphate	Aromatic amines	Classified CMR according to Annex VI of Regulation 1272/2008	
7439-92-1	231-100-4	Lead	Lead compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list, Restriction list (annex XVII)
7439-97-6	231-106-7	Mercury	Mercury compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Restriction list (annex XVII)

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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
7440-41-7	231-150-7	Beryllium	Beryllium compounds	Classified CMR according to Annex VI of Regulation 1272/2008	CoRAP list
7440-43-9	231-152-8	Cadmium	Cadmium compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list, Restriction list (annex XVII)
7446-27-7	231-205-5	Trilead bis(orthophosphate)	Lead compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
74499-35-7		phenol, (tetrapropenyl) derivatives	Alkylphenols	Substance is agreed by RAC to be a classified CMR according to Annex VI of Regulation 1272/2008, however it is not yet formally included.	
74646-29-0	-	trinickel bis(arsenite)	Nickel compounds, Arsenic compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
74753-18-7	277-985-0	4,4'-bi-o-toluidine sulphate	Aromatic amines	Classified CMR according to Annex VI of Regulation 1272/2008	
74869-22-0	278-012-2	Lubricating oils	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
75-01-4	200-831-0	Chloroethylene		Classified CMR (Class I & II) according to Annex 1 of Directive 67/548/EEC	Restriction list (annex XVII)
75113-37-0	401-040-5	dibutyltin hydrogen borate	Tin compounds, Boron compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Restriction list (annex XVII)
75-12-7	200-842-0	Formamide	Aminocarbonyl compounds	Classified CMR (Class I & II) according to Annex 1 of Directive 67/548/EEC	Candidate list
75-15-0	200-843-6	Carbon disulphide		This substance has endocrine disrupting properties. Human workers exposed to the chemical have shown dysfunctional sex behaviour, lowered sperm quality and alterations in testosterone levels. Animal studies show similar results including increased malform	CoRAP list
75-21-8	200-849-9	Ethylene oxide	Electrophiles	Classified CMR according to Annex VI of Regulation 1272/2008	CoRAP list
75-26-3	200-855-1	2-bromopropane		Classified CMR according to Annex VI of Regulation 1272/2008	
75-55-8	200-878-7	2-methylaziridine	Electrophiles	Classified CMR according to Annex VI of Regulation 1272/2008	

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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
75-56-9	200-879-2	Methyloxirane	Electrophiles	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
75-74-1	200-897-0	Tetramethyllead	Lead compounds	Substance is concluded to be PBT by European Chemicals Bureau PBT Working Group.	
7580-31-6	231-480-1	2-ethylhexanoic acid, nickel salt	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
761-44-4		Tripropyltin hydride	Tin compounds	Tri-propyltin (TPrT) is an endocrine disruptor (cat 1). It is expected to show persistence and bio-accumulative properties as Tributyl tin (TBT) and triphenyl tin (TPhT). Tri-n-propyltin has been found in the environment.	
7632-04-4	231-556-4	sodium peroxometaborate	Boron compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
764-41-0	212-121-8	1,4-dichlorobut-2-ene	Electrophiles	Classified CMR according to Annex VI of Regulation 1272/2008	
7646-79-9	231-589-4	Cobalt dichloride	Cobalt compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
76-87-9	200-990-6	Triphenyltin hydroxide	Tin compounds	Triphenyltin (TPhT) compounds are an endocrine disruptor (cat 1) and is classified as both possible carcinogen (C3) and toxic for reproduction (R3). It is also very persistent and very bio-accumulative and has been found in humans and the environment.	
77-09-8	201-004-7	phenolphthalein	Bisphenols	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list

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7718-54-9	231-743-0	Nickel dichloride	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
7738-94-5	231-801-5	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.	Chromium compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list, Authorisation list (annex XIV)
77536-66-4		Actinolite	Mineral fibres	Classified CMR according to Annex VI of Regulation 1272/2008	Restriction list (annex XVII)
77536-67-5		Anthophyllite	Mineral fibres	Classified CMR according to Annex VI of Regulation 1272/2008	Restriction list (annex XVII)
77536-68-6		Tremolite	Mineral fibres	Classified CMR according to Annex VI of Regulation 1272/2008	Restriction list (annex XVII)
7757-95-1	231-827-7	nickel(II) sulfite	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
7758-01-2	231-829-8	Potassium bromate		Classified CMR (Class I & II) according to Annex 1 of Directive 67/548/EEC	
77-58-7	201-039-8	Dibutyltin (dilaurate)	Tin compounds	Initial assessment: Dibutyl tin (DBT) compounds are potential endocrine disruptors, showing also immunotoxic as well as reprotoxic effects and is highly toxic to aquatic species. It is very bio-accumulative and possibly persistent. Dibutyl tin has been wi	
7758-95-4	231-845-5	Lead dichloride	Lead compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
7758-97-6	231-846-0	Lead chromate	Chromium compounds, Lead compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list, Authorisation list (annex XIV)
776297-69-9	-	N-pentyl-isopentylphthalate	Phthalates	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
7775-11-3	231-889-5	Sodium chromate	Chromium compounds	Classified CMR (Class I & II) according to Annex 1 of Directive 67/548/EEC	Candidate list, Authorisation list (annex XIV)
77-78-1	201-058-1	Dimethyl sulphate	Electrophiles	Classified CMR according to Annex VI of Regulation	Candidate list



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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
				1272/2008	
7778-39-4	231-901-9	Arsenic acid	Arsenic compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list, Authorisation list (annex XIV), Restriction list (annex XVII)
7778-44-1	231-904-5	Calcium arsenate	Arsenic compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list, Restriction list (annex XVII)
7778-50-9	231-906-6	Potassium dichromate	Chromium compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list, Authorisation list (annex XIV)
7784-40-9	232-064-2	Lead hydrogen arsenate	Lead compounds, Arsenic compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list, Restriction list (annex XVII)
7786-81-4	232-104-9	Nickel sulphate	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
7789-00-6	232-140-5	Potassium chromate	Chromium compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list, Authorisation list (annex XIV)
7789-06-2	232-142-6	Strontium chromate	Chromium compounds	Classified CMR (Class I & II) according to Annex 1 of Directive 67/548/EEC	Candidate list, Authorisation list (annex XIV)
7789-09-5	232-143-1	Ammonium dichromate	Chromium compounds	Classified CMR (Class I & II) according to Annex 1 of Directive 67/548/EEC	Candidate list, Authorisation list (annex XIV)
7789-12-0	234-190-3	Sodium dichromate, dihydrate	Chromium compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list, Authorisation list (annex XIV)
7790-79-6	232-222-0	Cadmium fluoride	Cadmium compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list, Restriction list (annex XVII)
78-00-2	201-075-4	Tetraethyl lead	Lead compounds	Tetraethyl lead is very toxic and degrades to inorganic lead, that is bio-accumulative and inherently very persistent. Tetraethyl lead has also been found in biomonitoring studies.	Candidate list

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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
7803-57-8	-	Hydrazine hydrate(s)	Hydrazines	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
78-79-5	201-143-3	Isoprene		Classified CMR according to Annex VI of Regulation 1272/2008	
78-87-5	201-152-2	1,2-dichloropropane; propylene dichloride		Substance is agreed by RAC to be a classified CMR according to Annex VI of Regulation 1272/2008, however it is not yet formally included.	
79-01-6	201-167-4	Trichloroethylene	Polyhalogenated alkenes	Classified CMR (Class I & II) according to Annex 1 of Directive 67/548/EEC	Candidate list, Authorisation list (annex XIV)
79-06-1	201-173-7	Acrylamide	Electrophiles, Aminocarbonyl compounds	Classified CMR (Class I & II) according to Annex 1 of Directive 67/548/EEC	Candidate list, Restriction list (annex XVII)
79-16-3	201-182-6	N-methylacetamide	Aminocarbonyl compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
79-44-7	201-208-6	Dimethylcarbamoyl chloride	Electrophiles, Aminocarbonyl compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
79-46-9	201-209-1	2-nitropropane	Nitro compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
79-94-7	201-236-9	Tetrabromobisphenol A (TBBPA)	Bisphenols, Polyhalogenated aromatics	For Tonalide (AHTN) endocrine effects have been reported. It is potentially persistent and bioaccumulative. It has been frequently found in humans and the environment.	CoRAP list
80-05-7	201-245-8	Bisphenol A	Bisphenols	Bisphenol A is classified as being toxic to reproduction and has been identified as an SVHC due to its endocrine disrupting properties for human health and the environment.	Candidate list, CoRAP list, Restriction list (annex XVII)
8006-61-9	232-349-1	Gasoline, natural	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below legal thresholds and/or full refining history is known)	
8009-03-8	232-373-2	Petrolatum	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
80-09-1	201-250-5	Bisphenol S	Bisphenols	This substance has endocrine disrupting properties. Bisphenol S has shown to be estrogenic in in vitro studies. In vivo studies have shown impaired	CoRAP list

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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
				reproduction in zebrafish and uterine growth in rat.	
8012-00-8	232-382-1	Pyrochlore, antimony lead yellow	Lead compounds, Antimony compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
8030-30-6	232-443-2	Naphtha	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
8032-32-4	232-453-7	Ligroine	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
80387-97-9	279-452-8	2-ethylhexyl [[[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methyl]thio]acetate	Alkylphenols	Classified CMR according to Annex VI of Regulation 1272/2008	
81-15-2	201-329-4	Musk Xylene	Nitro compounds	Substance is concluded to be PBT by European Chemicals Bureau PBT Working Group.	Candidate list, Authorisation list (annex XIV)
81-81-2	201-377-6	Warfarin		Classified CMR according to Annex VI of Regulation 1272/2008	
82413-20-5	428-010-4	(E)-3-[1-[4-[2-(dimethylamino)ethoxy]phenyl]-2-phenylbut-1-enyl]phenol		Classified CMR according to Annex VI of Regulation 1272/2008	
838-88-0	212-658-8	4,4'-methylenedi-o-toluidine	Aromatic amines	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
84245-12-5	424-550-1	N-[6,9-dihydro-9-[[2-hydroxy-1-(hydroxymethyl)ethoxy]methyl]-6-oxo-1H-purin-2-yl]acetamide		Classified CMR according to Annex VI of Regulation 1272/2008	
84-61-7	201-545-9	dicyclohexyl phthalate (DCHP)	Phthalates	Dicyclohexyl phthalate (DCHP) is an endocrine disruptor with estrogenic, thyroid and antiandrogen activity, affecting several body functions including reproduction, behaviour, nervous system and metabolism. The substance has been found in indoor dust and	Candidate list, CoRAP list
84-65-1	201-549-0	anthraquinone		Substance is agreed by RAC to be a classified CMR	

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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
				according to Annex VI of Regulation 1272/2008, however it is not yet formally included.	
84-66-2	201-550-6	diethyl phthalate (DEP)	Phthalates	Diethyl phthalate (DEP) is an endocrine disruptor with thyroid and estrogenic activity, affecting several body functions and target organs including reproduction, liver and metabolism. The substance has been found in biomonitoring studies and in human uri	CoRAP list
84-69-5	201-553-2	diisobutyl phthalate	Phthalates	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list, Authorisation list (annex XIV)
84-74-2	201-557-4	Dibutyl phthalate, DBP	Phthalates	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list, Authorisation list (annex XIV), Restriction list (annex XVII)
84-75-3	201-559-5	dihexyl phthalate (DHP)	Phthalates	Dihexyl phthalate (DnHP) is an endocrine disruptor with thyroid and antiandrogen activity, affecting several body functions including reproduction, development and metabolism. It is categorized as an endocrine disruptor in the EU Commission EDC database.	Candidate list
84776-45-4	283-972-0	fatty acids, C8-18 and C18-unsaturated, nickel salts	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
84777-06-0	284-032-2	1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear	Phthalates	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
84852-15-3	284-325-5	4-nonylphenol, branched	Alkylphenols	Nonylphenol is an endocrine disruptor (cat 1) and is classified as possibly toxic for reproduction (R3), It is also persistent and bio-accumulative and it has been found in humans and the environment.	Candidate list, CoRAP list
84852-35-7	284-347-5	(isooctanoato-O)(neodecanoato-O)nickel	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
84852-36-8	284-348-0	(isodecanoato-O)(isononanoato-O)nickel	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
84852-37-9	284-349-6	nickel bis(isononanoate)	Nickel compounds	Classified CMR according to Annex VI of Regulation	

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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
				1272/2008	
84852-39-1	284-351-7	(2-ethylhexanoato-O)(isodecanoato-O)nickel	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
84852-53-9	284-366-9	DBDPE	Polyhalogenated aromatics	This substance has persistent, bioaccumulative and toxic properties. The substance has been detected in environmental samples from various parts of the world and in wildlife including birds, dolphins and pandas. It has also been detected in hair from humans.	CoRAP list
84989-04-8	284-892-9	Tar acids, methylphenol fraction	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below legal thresholds and/or full refining history is known)	
84989-06-0	284-895-5	Tar acids, xylenol fraction	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below legal thresholds and/or full refining history is known)	
84989-07-1	284-896-0	Tar acids, 3,5-xylenol fraction		Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below legal thresholds and/or full refining history is known)	
85116-53-6	285-505-6	Distillates (petroleum), hydrodesulfurized thermal cracked middle	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
85116-58-1	285-509-8	Distillates (petroleum), catalytic reformed hydrotreated light, C8-12 arom. fraction	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below legal thresholds and/or full refining history is known)	
85116-59-2	285-510-3	Naphtha (petroleum), catalytic reformed light, arom.-free fraction	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below legal thresholds and/or full refining history is known)	
85135-77-9	285-698-7	(2-ethylhexanoato-O)(neodecanoato-O)nickel	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
85136-74-9	400-340-3	6-hydroxy-1-(3-isopropoxypropyl)-4-methyl-2-oxo-5-[4-	Aromatic amines, Azo compounds	Classified CMR according to Annex VI of Regulation 1272/2008	

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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
		(phenylazo)phenylazo]-1,2-dihydro-3-pyridinecarbonitrile			
85166-19-4	285-909-2	(isodecanoato-O)(isooctanoato-O)nickel	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
85-42-7	201-604-9	Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] <i><[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]</i>	Electrophiles	Classified respiratory sensitizer concluded to be a SVHC by ECHA Member State Committee.	Candidate list
854904-92-0		Phenol, 4-(1- ethyl-3-methylbutyl)-	Alkylphenols	Substance is concluded to be an endocrine disruptor SVHC by ECHA Member State Committee.	Candidate list
854904-93-1		Phenol, 4-(1,2-dimethylpentyl)-	Alkylphenols	Substance is concluded to be an endocrine disruptor SVHC by ECHA Member State Committee.	Candidate list
85508-43-6	287-468-1	nickel(II) isodecanoate	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
85508-44-7	287-469-7	nickel(II) neodecanoate	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
85508-45-8	287-470-2	(2-ethylhexanoato-O)(isononanoato-O)nickel	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
85508-46-9	287-471-8	(isononanoato-O)(isooctanoato-O)nickel	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
85509-19-9	403-250-2	A mixture of: 4-[[bis-(4-fluorophenyl)methylsilyl]methyl]-4H-1,2,4-triazole; 1-[[bis-(4-fluorophenyl)methylsilyl]methyl]-1H-1,2,4-triazole		Classified CMR according to Annex VI of Regulation 1272/2008	
85535-84-8	287-476-5	Alkanes, C10-13, chloro, SCCP	Polyhalogenated alkanes	Substance is concluded to be PBT by European Chemicals Bureau PBT Working Group.	Candidate list
85536-20-5	287-502-5	Solvent naphtha (coal), xylene-	Petroleum	Classified CMR according to Annex VI of Regulation	

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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
		styrene cut		1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
85551-28-6	287-592-6	(isononanoato-O)(neodecanoato-O)nickel	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
85-68-7	201-622-7	Benzyl butyl phthalate, BBP	Phthalates	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list, Authorisation list (annex XIV), Restriction list (annex XVII)
857629-71-1		Phenol, 4-(1,4-dimethylpentyl)-	Alkylphenols	Substance is concluded to be an endocrine disruptor SVHC by ECHA Member State Committee.	Candidate list
861010-65-3		Phenol, 4-(1-ethyl-2,2-dimethylpropyl)-	Alkylphenols	Substance is concluded to be an endocrine disruptor SVHC by ECHA Member State Committee.	Candidate list
861011-60-1		Phenol, 4-(1,1,2-trimethylbutyl)-	Alkylphenols	Substance is concluded to be an endocrine disruptor SVHC by ECHA Member State Committee.	Candidate list
86290-81-5	289-220-8	Gasoline	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
872-50-4	212-828-1	N-methyl-2-pyrrolidone	Aminocarbonyl compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
87-61-6	201-757-1	1,2,3-trichlorobenzene	Polyhalogenated aromatics	Substance is concluded to be PBT by European Chemicals Bureau PBT Working Group.	
87-68-3	201-765-5	Hexachlorobuta-1,3-diene	Polyhalogenated alkenes	Substance is concluded to be PBT & vPvB by European Chemicals Bureau PBT Working Group.	
87741-01-3	289-339-5	Hydrocarbons, C4	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
87-86-5	201-778-6	pentachlorophenol (PCP)	Polyhalogenated aromatics	Pentachlorophenol is an endocrine disruptor with antiestrogen and thyroid activity, affecting several body functions including reproduction, brain	Restriction list (annex XVII)

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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
				development and metabolism. The substance has been found in biomonitoring studies and in human blood. It is	
88-72-2	201-853-3	2-nitrotoluene	Nitro compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
88-85-7	201-861-7	Dinoseb	Nitro compounds, Alkylphenols	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
9002-93-1		Glycols, polyethylene, mono(p-(1,1,3,3-t = Octoxynol = Poly(oxy-1,2-ethanediyl), alpha-(4-(1.1.3.3.-tetramethylbutyl)phenyl)-omega-hydroxy-	Alkylphenols	Octylphenoethoxylates are reported to have endocrine disrupting properties. They are the precursors of Octylphenol which is a persistent substance. It has been found in the environment.	Candidate list
90035-08-8	421-960-0	flocoumafen (ISO)		Substance is an endocrine disruptor with estrogenic and thyroid activity, affecting several body functions including development, brain and metabolism. The substance has been found in biomonitoring studies and in human milk. It is categorized as an endocr	
90-04-0	201-963-1	O-anisidine	Aromatic amines	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
900-95-8	212-984-0	Triphenyltin acetate	Tin compounds	Triphenyltin (TPhT) compounds are an endocrine disruptor (cat 1) and is classified as both possible carcinogen (C3) and toxic for reproduction (R3). It is also very persistent and very bio-accumulative and has been found in humans and the environment.	
9016-45-9	500-024-6	Nonylphenol, ethoxylated	Alkylphenols	Nonylphenol etoxilates are categorized as endocrine disruptors (cat 1), they are the precursors of Nonyl phenol which is a persistent and bio-accumulative substance. It has been found in the environment.	Candidate list, Restriction list (annex XVII)
9036-19-5		Glycols, polyethylene, mono([1,1,3,3-tet = Poly(oxy-1,2-ethanediyl), .alpha.-[[[1,1,3,3-tetramethylbutyl) phenyl]-.omega.-hydroxy-	Alkylphenols	Octylphenoethoxylates are reported to have endocrine disrupting properties. They are the precursors of Octylphenol which is a persistent substance. It has been found in the environment.	
90481-04-2	291-844-0	Phenol, nonyl-, branched	Alkylphenols	Nonylphenol is an endocrine disruptor (cat 1) and is classified as possibly toxic for reproduction (R3), It	Candidate list



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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
				is also persistent and bio-accumulative and it has been found in humans and the environment.	
90622-53-0	292-454-3	Alkanes, C12-26-branched and linear	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
90640-80-5	292-602-7	Anthracene oil	Petroleum	Substance is concluded to be PBT by European Chemicals Bureau PBT Working Group.; Classified CMR (Class I & II) according to Annex 1 of Directive 67/548/EEC	Candidate list, Restriction list (annex XVII)
90640-81-6	292-603-2	Anthracene oil, anthracene paste	Petroleum	Substance is concluded to be PBT by European Chemicals Bureau PBT Working Group.; Classified CMR (Class I & II) according to Annex 1 of Directive 67/548/EEC	Candidate list
90640-82-7	292-604-8	Anthracene oil, anthracenelow	Petroleum	Substance is concluded to be PBT by European Chemicals Bureau PBT Working Group.; Classified CMR (Class I & II) according to Annex 1 of Directive 67/548/EEC	Candidate list
90640-84-9	292-605-3	Creosote oil, acenaphthene fraction	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	Restriction list (annex XVII)
90640-86-1	292-607-4	Distillates (coal tar), heavy oils	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
90669-74-2	292-656-1	Residual oils (petroleum), hydrotreated solvent dewaxed	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
90669-76-4	292-658-2	Residues (petroleum), vacuum, light	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
90669-78-6	292-660-3	Slack wax (petroleum), clay-treated	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
90-94-8	202-027-5	4,4'-bis(dimethylamino)benzopheno	Aromatic amines	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list

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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
		ne			
90989-38-1	292-694-9	Aromatic hydrocarbons, C8	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
90989-41-6	292-697-5	Aromatic hydrocarbons, C6-10, C8-rich	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
91031-62-8	292-966-7	Fatty acids, C16-18, lead salts	Lead compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
911370-98-4		Phenol, 4-(3-ethylpentyl)-	Alkylphenols	Substance is concluded to be an endocrine disruptor SVHC by ECHA Member State Committee.	Candidate list
911371-06-7		Phenol, 4-(1,2,2-trimethylbutyl)-	Alkylphenols	Substance is concluded to be an endocrine disruptor SVHC by ECHA Member State Committee.	Candidate list
911371-07-8		Phenol, 4-(1,3,3-trimethylbutyl)-	Alkylphenols	Substance is concluded to be an endocrine disruptor SVHC by ECHA Member State Committee.	Candidate list
91-20-3	202-049-5	Naphthalene	Polyaromatics	Naphthalene is classified as possible carcinogen (C3) and very toxic to aquatic organisms. It has been reported to have endocrine disrupting effects and it has been detected in the environment and humans.	CoRAP list
91-22-5	202-051-6	quinoline		Classified CMR according to Annex VI of Regulation 1272/2008	
91-23-6	202-052-1	2-nitroanisole	Nitro compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
91-59-8	202-080-4	2-naphthylamine	Aromatic amines, Polyaromatics	Classified CMR according to Annex VI of Regulation 1272/2008	Restriction list (annex XVII)
91697-41-5	294-302-1	fatty acids, C6-19-branched, nickel salts	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
91770-57-9	294-843-3	Residual oils (petroleum), catalytic dewaxed	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	

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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
91-94-1	202-109-0	3,3'-dichlorobenzidine	Aromatic amines	Classified CMR according to Annex VI of Regulation 1272/2008	
91-95-2	202-110-6	biphenyl-3,3',4,4'-tetrayltetraamine	Aromatic amines	Classified CMR according to Annex VI of Regulation 1272/2008	
91995-15-2	295-275-9	Anthracene oil, anthracene paste, anthracene fraction	Petroleum	Substance is concluded to be PBT by European Chemicals Bureau PBT Working Group.; Classified CMR (Class I & II) according to Annex 1 of Directive 67/548/EEC	Candidate list
91995-17-4	295-278-5	Anthracene oil, anthracene paste, distn. Lights	Petroleum	Substance is concluded to be PBT by European Chemicals Bureau PBT Working Group.; Classified CMR (Class I & II) according to Annex 1 of Directive 67/548/EEC	Candidate list
91995-18-5	295-279-0	Aromatic hydrocarbons, C8, catalytic reforming-derived	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
91995-38-9	295-298-4	Hydrocarbons, C4-6, depentanizer lights, arom. Hydrotreater	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
91995-40-3	295-301-9	Distillates (petroleum), dewaxed light paraffinic, hydrotreated	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
91995-41-4	295-302-4	Distillates (petroleum), heat-soaked steam-cracked naphtha, C5-rich	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
91995-50-5	295-311-3	Distillates (petroleum), naphtha steam cracking-derived, hydrotreated light arom.	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
91995-68-5	295-331-2	Extracts (petroleum), catalytic reformed light naphtha solvent	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	

**Restricted and declarable substance list**  
Mandatory requirement for suppliers of  
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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
92045-12-0	295-394-6	Foots oil (petroleum), hydrotreated	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
92045-14-2	295-396-7	Fuel oil, heavy, high-sulfur	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
92045-23-3	295-405-4	Hydrocarbons, C4, steam-cracker distillate	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
92045-29-9	295-411-7	Gas oils (petroleum), thermal-cracked, hydrodesulfurized	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
92045-50-6	295-431-6	Naphtha (petroleum), heavy catalytic cracked, sweetened	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
92045-52-8	295-433-7	Naphtha (petroleum), hydrodesulfurized full-range	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
92045-53-9	295-434-2	Naphtha (petroleum), hydrodesulfurized light, dearomatized	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
92045-57-3	295-438-4	Naphtha (petroleum), hydrotreated light steam-cracked	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
92045-58-4	295-440-5	Naphtha (petroleum), isomerization, C6-fraction	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
92045-59-5	295-441-0	Naphtha (petroleum), light catalytic cracked sweetened	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	

**Restricted and declarable substance list**  
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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
92045-60-8	295-442-6	Naphtha (petroleum), light, C5-rich, sweetened	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
92045-61-9	295-443-1	Hydrocarbons, C4-12, naphtha-cracking, hydrotreated	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
92045-63-1	295-445-2	Hydrocarbons, C4-11, naphtha-cracking, arom.-free	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
92045-64-2	295-446-8	Hydrocarbons, C6-7, naphtha-cracking, solvent-refined	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
92045-77-7	295-459-9	Petrolatum (petroleum), hydrotreated	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
92045-80-2	295-463-0	Petroleum gases, liquefied, sweetened, C4 fraction	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
92061-97-7	295-511-0	Residues (petroleum), catalytic cracking	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
92062-09-4	295-523-6	Slack wax (petroleum), hydrotreated	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
92062-36-7	295-551-9	Aromatic hydrocarbons, C9-12, benzene distn.	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
92129-57-2	295-859-3	slimes and sludges, copper electrolytic refining,		Classified CMR according to Annex VI of Regulation 1272/2008	

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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
		decopperised, nickel sulfate			
92-67-1	202-177-1	Biphenyl-4-ylamine	Aromatic amines	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list, Restriction list (annex XVII)
92-87-5	202-199-1	Benzidine and its salts	Aromatic amines	Classified CMR according to Annex VI of Regulation 1272/2008	Restriction list (annex XVII)
92-93-3	202-204-7	4-nitrobiphenyl	Nitro compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Restriction list (annex XVII)
93165-19-6	296-903-4	Distillates (petroleum), C6-rich	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
93571-75-6	297-401-8	Aromatic hydrocarbons, C7-12, C8-rich	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
93572-29-3	297-458-9	Gasoline, C5-11, high-octane stabilized reformed	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
93572-35-1	297-465-7	Hydrocarbons, C7-12, C>9-arom.-rich, reforming heavy fraction	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
93572-36-2	297-466-2	Hydrocarbons, C5-11, nonarom.-rich, reforming light fraction	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
93572-43-1	297-474-6	Lubricating oils (petroleum), base oils, paraffinic	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
93763-33-8	297-852-0	Hydrocarbons, C6-11, hydrotreated, dearomatized	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	

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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
93763-87-2	297-907-9	Slags, lead-zinc smelting	Lead compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
93821-66-0	298-754-0	Residual oils (petroleum)	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
93920-09-3	300-093-0	nickel(II) neoundecanoate	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
93920-10-6	300-094-6	nickel(II) neononanoate	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
93924-32-4	300-226-2	Foots oil (petroleum), clay-treated		Classified CMR according to Annex VI of Regulation 1272/2008	
93924-33-5	300-227-8	Gas oils, paraffinic	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
93925-00-9	300-298-5	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)		Substance is concluded to be an endocrine disruptor SVHC by ECHA Member State Committee.	Candidate list
93983-68-7	301-323-2	dimethylhexanoic acid nickel salt	Nickel compounds	Classified CMR according to Annex VI of Regulation 1272/2008	
94114-03-1	302-639-3	Gasoline, pyrolysis, hydrogenated	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
94-13-3	202-307-7	Propylparaben; propyl 4-hydroxybenzoate	Parabens	Propylparaben is an endocrine disruptor with estrogenic and antiandrogen activity, affecting sperm function and prenatal development among others. The substance has been detected in biomonitoring studies and human urine and milk. It is categorized as an e	CoRAP list
94-26-8	202-318-7	Butylparaben; butyl 4-hydroxybenzoate	Parabens	Butylparaben is an endocrine disruptor with estrogenic and antiandrogen activity, affecting sperm function and reproductive organs among others. The substance has been detected in human urine and indoor air. It is categorized as an	

**Restricted and declarable substance list**  
Mandatory requirement for suppliers of  
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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
				endocrine disruptor in	
94551-87-8	305-433-1	slimes and sludges, copper electrolyte refining, decopperised		Classified CMR according to Annex VI of Regulation 1272/2008	
94-59-7	202-345-4	5-allyl-1,3-benzodioxole		Classified CMR according to Annex VI of Regulation 1272/2008	
94723-86-1	425-150-8	2-butyl-3-hydroxy-5-thiocyclohexan-3-yl-cyclohex-2-en-1-one	Electrophiles	Classified CMR according to Annex VI of Regulation 1272/2008	
94733-08-1	305-588-5	Distillates (petroleum), solvent-refined hydrotreated heavy, hydrogenated	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
94733-15-0	305-594-8	Lubricating oils (petroleum), C18-40, solvent-dewaxed hydrocracked distillate-based	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
95465-89-7	306-004-1	Hydrocarbons, C4, 1,3-butadiene- and isobutene-free	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
95-50-1	202-425-9	1,2-dichlorobenzene		1,2-dichlorobenzene is very toxic to aquatic species, it is potentially very persistent and very bioaccumulative and has been detected in environmental and human samples. Therefore ChemSec considers this to be of equivalent level of concern according to the 57f criteria.	CoRAP list
95-53-4	202-429-0	O-toluidine	Aromatic amines	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
95-69-2	202-441-6	4-chloro-o-toluidine	Aromatic amines	Classified CMR according to Annex VI of Regulation 1272/2008	
95-80-7	202-453-1	4-methyl-m-phenylenediamine	Aromatic amines	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
96-09-3	202-476-7	(epoxyethyl)benzene	Electrophiles	Classified CMR (Class I & II) according to Annex 1 of Directive 67/548/EEC	
96-12-8	202-479-3	1,2-dibromo-3-chloropropane	Electrophiles, Polyhalogenated	Classified CMR (Class I & II) according to Annex 1	



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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
			alkanes	of Directive 67/548/EEC	
96-13-9	202-480-9	2,3-dibromopropan-1-ol	Electrophiles	Classified CMR according to Annex VI of Regulation 1272/2008	
96-18-4	202-486-1	1,2,3-trichloropropane	Electrophiles, Polyhalogenated alkanes	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
96-23-1	202-491-9	1,3-dichloropropan-2-ol		Classified CMR according to Annex VI of Regulation 1272/2008	
96-45-7	202-506-9	Ethylene thiourea	Thioaminocarbonyl compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
97-56-3	202-591-2	4-o-tolylazo-o-toluidine	Aromatic amines, Azo compounds	Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
97862-82-3	308-132-3	Hydrocarbons, C17-30, hydrotreated distillates, distn. lights	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
97-99-4	202-625-6	Tetrahydrofurfuryl alcohol		Classified CMR according to Annex VI of Regulation 1272/2008	
98-07-7	202-634-5	a,a,a-trichlorotoluene		Classified CMR (Class I & II) according to Annex 1 of Directive 67/548/EEC	
98219-47-7	308-714-7	Naphtha (petroleum), light steam-cracked, thermally treated	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008. (Might not apply when contaminants are below below legal thresholds and/or full refining history is known)	
98219-64-8	308-733-0	Residues, steam cracked, thermally treated	Petroleum	Classified CMR according to Annex VI of Regulation 1272/2008	
98-54-4	202-679-0	4-Tert-Butylphenol	Alkylphenols	4-tert-butylphenol acts as an endocrine disruptor and has been reported as toxic to reproduction. It has been widely found in the environment.	Candidate list, CoRAP list
98-73-7	202-696-3	4-tert-butylbenzoic acid		Classified CMR according to Annex VI of Regulation 1272/2008	
98-95-3	202-716-0	nitrobenzene		Classified CMR according to Annex VI of Regulation 1272/2008	Candidate list
99328-50-4	308-967-3	Nitric acid, barium salt, reaction products with ammonia, chromic acid (H <sub>2</sub> CrO <sub>4</sub> ) diammonium salt and	Chromium compounds	Classified CMR according to Annex VI of Regulation 1272/2008	

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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
		copper(2+) dinitrate, calcined			
EC-401-500-5	401-500-5	(methylenebis(4,1-phenylenazo(1-(3-(dimethylamino)propyl)-1,2-dihydro-6-hydroxy-4-methyl-2-oxopyridine-5,3-diy))) -1,1'-dipyridinium dichloride dihydrochloride		Classified CMR according to Annex VI of Regulation 1272/2008	
EC-402-660-9	402-660-9	Dye K		Classified CMR according to Annex VI of Regulation 1272/2008	
EC-405-030-1	405-030-1	Hydrazine bis(3-carboxy-4-hydroxybenzensulfonate)		Classified CMR according to Annex VI of Regulation 1272/2008	
EC-412-790-8	412-790-8	Vernetzer Tmag		Classified CMR according to Annex VI of Regulation 1272/2008	
EC-414-850-9	414-850-9	Hydrazine-tri-nitromethane		Classified CMR according to Annex VI of Regulation 1272/2008	
EC-420-580-2	420-580-2	2-[2-hydroxy-3-(2-chlorophenyl)carbamoyl-1-naphthylazo]-7-[2-hydroxy-3-(3-methylphenyl)carbamoyl-1-naphthylazo]fluoren-9-one		Classified CMR according to Annex VI of Regulation 1272/2008	
EC-421-550-1	421-550-1	A mixture of: 1,3,5-tris(3-aminomethylphenyl)-1,3,5-(1H,3H,5H)-triazine-2,4,6-trione; a mixture of oligomers of 3,5-bis(3-aminomethylphenyl)-1-poly[3,5-bis(3-aminomethylphenyl)-2,4,6-trioxo-1,3,5-(1H,3H,5H)-triazin-1-yl]-1,3,5-(1H,3H,5H)-triazine-2,4,6-t		Classified CMR according to Annex VI of Regulation 1272/2008	
EC-427-050-1	427-050-1	reaction mass of: 4,7-bis(mercaptomethyl)-3,6,9-trithia-1,11-undecanedithiol; 4,8-bis(mercaptomethyl)-3,6,9-trithia-1,11-		Classified CMR according to Annex VI of Regulation 1272/2008	

**Restricted and declarable substance list**  
Mandatory requirement for suppliers of  
Lufthansa Technik Group and Deutsche Lufthansa AG

CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
		undecanedithiol; 5,7-bis(mercaptomethyl)- 3,6,9-trithia-1,11- undecanedithiol			
EC-432-750-3	432-750-3	O-hexyl-N-ethoxy carbonylthiocarbamate		Classified CMR according to Annex VI of Regulation 1272/2008	
EC-435-960-3	435-960-3	diethyl (2- (hydroxymethylcarbamoyl)ethyl )phosphonate		Classified CMR according to Annex VI of Regulation 1272/2008	
EC-442-750-5	442-750-5	cobalt lithium nickel oxide		Classified CMR according to Annex VI of Regulation 1272/2008	Restriction list (annex XVII)
EC-700-660-6	700-660-6	Saponification and oxidation product of carnauba wax with acidic sodium dichromate solution		Classified CMR according to Annex VI of Regulation 1272/2008	
EC-700-720-1	700-720-1	Saponification and oxidation product of carnauba wax with acidic sodium dichromate solution esterified with ethylene glycol		Classified CMR according to Annex VI of Regulation 1272/2008	
EC-700-725-9	700-725-9	Saponification and oxidation product of carnauba wax with acidic sodium dichromate solution esterified with 1- methyl-1,3-propanediol and subsequent saponification with calcium dihydroxide		Classified CMR according to Annex VI of Regulation 1272/2008	
No Cas 1		reaction products of paraformaldehyde and 2- hydroxypropylamine (ratio 3:2);[formaldehyde released from 3,3'-methylenebis[5- methyloxazolidine] formaldehyde released from oxazolidin];[MBO]		Substance is agreed by RAC to be a classified CMR according to Annex VI of Regulation 1272/2008, however it is not yet formally included.	
No Cas 2		reaction products of		Substance is agreed by RAC to be a classified CMR	

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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
		paraformaldehyde with 2-hydroxypropylamine (ratio 1:1);[formaldehyde released from a,a,a-trimethyl-1,3,5-triazine- 1,3,5(2H,4H,6H)-triethanol];[HPT]		according to Annex VI of Regulation 1272/2008, however it is not yet formally included.	
No Cas 3		e-glass microfibres of representative composition; [Calcium-aluminium-silicate fibres with random orientation with the following representative composition (% given by weight): SiO <sub>2</sub> 50,0-56,0 %, Al <sub>2</sub> O <sub>3</sub> 13,0-16,0 %, B <sub>2</sub> O <sub>3</sub> 5,8-10,0 %, Na <sub>2</sub> O < 0,6 %, K <sub>2</sub> O < 0,4 %, CaO 15,0-24,0 %, MgO < 5,5 %, Fe <sub>2</sub> O <sub>3</sub> < 0,5 %, F <sub>2</sub> < 1,0 %. Process: typically produced by flame attenuation and rotary process. (Additional individual elements may be present at low levels; the process list does not preclude innovation).]	Mineral fibres	Substance is agreed by RAC to be a classified CMR according to Annex VI of Regulation 1272/2008, however it is not yet formally included.	
Various 1		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). [Mixture of CAS# 15571-58-1 & 27107-89-7 // EC# 239-622-4 & 248-227-6]	Tin compounds	Substance is concluded to be a Reprotoxic substance SVHC by ECHA Member State Committee.	Candidate list

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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
Various 2		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, including CAS#: 117933-89-8, 186309-28-4, 343934-04-3, 343934-05-4, 676367-02-5, 676367-03-6, 676367-04-7, 676367-05-8, 676367-06-9, 676367-07-0, 676367-08-1, 676367-09-2]		Substance is concluded to be a vPvB SVHC by ECHA Member State Committee.	Candidate list
75-09-2	200-838-9	Methylenechloride		Groundwater contamination	Restriction list (annex XVII)
75-69-4	200-892-3	Trichlorofluoromethane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
75-71-8	200-893-9	Dichlorodifluoromethane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
76-13-1	200-936-1	Trichlorotrifluoroethane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
76-14-2	200-937-7	1,2-Dichloro-1,1,2,2-tetrafluoroethane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
1320-37-2	215-300-9	Dichlorotetrafluoroethane, isomers	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
76-15-3	200-938-2	Chloropentafluoroethane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
75-72-9	200-894-4	Chlorotrifluoromethane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
75-72-9	200-894-4	Pentachlorofluoroethane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
200-935-6	76-12-0	Tetrachloro-1,2-difluoroethane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
200-934-0	76-11-9	Tetrachloro-2,2-difluoroethane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	

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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
				1005/2009)	
249-101-3	28605-74-5	Tetrachlorodifluoroethane, isomers	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
		Heptachlorofluoropropane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
		Hexachlorodifluoropropane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
		Pentachlorotrifluoropropane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
		Tetrachlorotetrafluoropropane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
		Trichloropentafluoropropane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
		Dichlorohexafluoropropane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
		Chloroheptafluoropropane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
353-59-3	206-537-9	Bromochloridfluoromethane (Halon 1211)	Halons	Ozone depleting substances (acc. to EG 1005/2009)	
75-63-8	200-887-6	Bromotrifluoromethane (Halon 1301)	Halons	Ozone depleting substances (acc. to EG 1005/2009)	
124-73-2	204-711-9	1,2-Dibromotetrafluoroethane (Halon 2402)	Halons	Ozone depleting substances (acc. to EG 1005/2009)	
56-23-5	200-262-8	Tetrachloromethane (carbon tetrachloride)		Ozone depleting substances (acc. to EG 1005/2009)	
71-55-6	200-756-3	1,1,1-Trichloroethane (methylchloroform)		Ozone depleting substances (acc. to EG 1005/2009)	
74-83-9	200-813-2	Bromomethane		Ozone depleting substances (acc. to EG 1005/2009)	
		Dibromofluoromethane		Ozone depleting substances (acc. to EG 1005/2009)	
		Bromodifluoromethane		Ozone depleting substances (acc. to EG 1005/2009)	
		Bromofluoromethane		Ozone depleting substances (acc. to EG 1005/2009)	
		Tetrabromofluoroethane		Ozone depleting substances (acc. to EG	

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Mandatory requirement for suppliers of  
Lufthansa Technik Group and Deutsche Lufthansa AG

CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
				1005/2009)	
		Tribromodifluoroethane		Ozone depleting substances (acc. to EG 1005/2009)	
		Dibromotrifluoroethane		Ozone depleting substances (acc. to EG 1005/2009)	
		Bromotetrafluoroethane		Ozone depleting substances (acc. to EG 1005/2009)	
		Tribromofluoroethane		Ozone depleting substances (acc. to EG 1005/2009)	
		Dibromodifluoroethane		Ozone depleting substances (acc. to EG 1005/2009)	
		Bromotrifluoroethane		Ozone depleting substances (acc. to EG 1005/2009)	
		Dibromofluoroethane		Ozone depleting substances (acc. to EG 1005/2009)	
		Bromodifluoroethane		Ozone depleting substances (acc. to EG 1005/2009)	
762-49-2	212-100-3	Bromofluoroethane		Ozone depleting substances (acc. to EG 1005/2009)	
		Hexabromofluoropropane		Ozone depleting substances (acc. to EG 1005/2009)	
		Pentabromodifluoropropane		Ozone depleting substances (acc. to EG 1005/2009)	
		Tetrabromotrifluoropropane		Ozone depleting substances (acc. to EG 1005/2009)	
		Tribromotetrafluoropropane		Ozone depleting substances (acc. to EG 1005/2009)	
		Dibromopentafluoropropane		Ozone depleting substances (acc. to EG 1005/2009)	
		Bromohexafluoropropane		Ozone depleting substances (acc. to EG 1005/2009)	
		Pentabromofluoropropane		Ozone depleting substances (acc. to EG 1005/2009)	
		Tetrabromodifluoropropane		Ozone depleting substances (acc. to EG 1005/2009)	
		Tribromotrifluoropropane		Ozone depleting substances (acc. to EG	

**Restricted and declarable substance list**  
Mandatory requirement for suppliers of  
Lufthansa Technik Group and Deutsche Lufthansa AG

CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
				1005/2009)	
		Dibromotetrafluoropropane		Ozone depleting substances (acc. to EG 1005/2009)	
		Bromopentafluoropropane		Ozone depleting substances (acc. to EG 1005/2009)	
		Tetrabromofluoropropane		Ozone depleting substances (acc. to EG 1005/2009)	
		Tribromodifluoropropane		Ozone depleting substances (acc. to EG 1005/2009)	
		Dibromotrifluoropropane		Ozone depleting substances (acc. to EG 1005/2009)	
		Bromotetrafluoropropane		Ozone depleting substances (acc. to EG 1005/2009)	
		Tribromofluoropropane		Ozone depleting substances (acc. to EG 1005/2009)	
		Dibromodifluoropropane		Ozone depleting substances (acc. to EG 1005/2009)	
		Bromotrifluoropropane		Ozone depleting substances (acc. to EG 1005/2009)	
		Dibromofluoropropane		Ozone depleting substances (acc. to EG 1005/2009)	
		Bromodifluoropropane		Ozone depleting substances (acc. to EG 1005/2009)	
		Bromofluoropropane		Ozone depleting substances (acc. to EG 1005/2009)	
75-43-4	200-869-8	Dichlorofluoromethane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
75-45-6	75-45-6	Chlorodifluoromethane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
593-70-4	209-803-2	Chlorofluoromethane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
		Tetrachlorofluoroethane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
		Trichlorodifluoroethane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
		Dichlorotrifluoroethane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG	



**Restricted and declarable substance list**  
Mandatory requirement for suppliers of  
Lufthansa Technik Group and Deutsche Lufthansa AG

CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
				1005/2009)	
		Chlorotetrafluoroethane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
		Trichlorofluoroethane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
		Dichlorodifluoroethane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
		Chlorotrifluoroethane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
		Dichlorofluoroethane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
1717-00-6	404-080-1	1,1-Dichloro-1-fluoroethane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
		Chlorodifluoroethane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
1717-00-6	404-080-1	1-Chloro-1,1-difluoroethane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
		Chlorofluoroethane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
		Hexachlorofluoropropane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
		Pentachlorodifluoropropane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
		Tetrachlorotrifluoropropane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
		Trichlorotetrafluoropropane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
		Dichloropentafluoropropane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
		3,3-Dichloro-1,1,1,2,2-pentafluoropropane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
507-55-1	208-076-9	1,3-Dichloro-1,1,2,2,3-pentafluoropropane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
		Chlorohexafluoropropane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
		Pentachlorofluoropropane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG	

**Restricted and declarable substance list**  
Mandatory requirement for suppliers of  
Lufthansa Technik Group and Deutsche Lufthansa AG

CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
				1005/2009)	
		Tetrachlorodifluoropropane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
		Trichlorotrifluoropropane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
		Dichlorotetrafluoropropane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
		Chloropentafluoropropane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
		Tetrachlorofluoropropane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
		Trichlorodifluoropropane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
		Dichlorotrifluoropropane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
		Chlorotetrafluoropropane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
		Trichlorofluoropropane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
		Dichlorodifluoropropane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
		Chlorotrifluoropropane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
		Dichlorofluoropropane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
		Chlorodifluoropropane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
		Chlorofluoropropane	Hydrochlorofluorocarbons	Ozone depleting substances (acc. to EG 1005/2009)	
74-97-5	200-826-3	Chlorobromomethane (Bromochloromethane)		Ozone depleting substances (acc. to EG 1005/2009)	
75-61-6	200-885-5	Dibromodifluoromethane (Halon-1202)		Ozone depleting substances (acc. to EG 1005/2009)	
106-94-5	203-445-0	1-Bromopropane (n-propyl bromide)		Ozone depleting substances (acc. to EG 1005/2009)	
74-96-4	200-825-8	Bromoethane (ethyl bromide)		Ozone depleting substances (acc. to EG	

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Mandatory requirement for suppliers of  
Lufthansa Technik Group and Deutsche Lufthansa AG

CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
				1005/2009)	
2314-97-8	219-014-5	Trifluoriodomethane (trifluoromethyl iodide)		Ozone depleting substances (acc. to EG 1005/2009)	
74-87-3	200-817-4	Chloromethane (methyl chloride)		Ozone depleting substances (acc. to EG 1005/2009)	
75-46-7	200-872-4	Trifluoromethane (fluoroform)		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex I))	
75-10-5	200-839-4	Difluoromethane		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex I))	
593-53-3	209-796-6	Fluoromethane (methy fluoride)		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex I))	
354-33-6	206-557-8	Pentafluoroethane		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex I))	
		1,1,2,2-Tetrafluoroethane		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex I))	
811-97-2	212-377-0	1,1,1,2-Tetrafluoroethane		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex I))	
		1,1,2-Trifluoroethane		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex I))	
420-46-2	206-996-5	1,1,1-Trifluoroethane		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex I))	
		1,2-Difluoroethane		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex I))	
75-37-6	200-866-1	1,1-Difluoroethane		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex I))	
353-36-6	206-531-6	Fluoroethane (ethyl fluoride)		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex I))	
431-89-0	207-079-2	1,1,1,2,3,3,3-Heptafluoropropane		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex I))	
		1,1,1,2,2,3-Hexafluoropropane		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex I))	
		1,1,1,2,3,3-Hexafluoropropane		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex I))	
		1,1,1,3,3,3-Hexafluoropropane		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex I))	
		1,1,2,2,3-Pentafluoropropane		Fluorinated greenhouse gases (acc. to EU	

**Restricted and declarable substance list**  
Mandatory requirement for suppliers of  
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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
				517/2014 (Annex I))	
460-73-1	419-170-6	1,1,1,3,3-Pentafluoropropane		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex I))	
406-58-6	430-250-1	1,1,1,3,3-Pentafluorobutane		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex I))	
		1,1,1,2,2,3,4,5,5,5-Decafluoropentane		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex I))	
75-73-0	200-896-5	Tetrafluoromethane (perfluoromethane, carbon tetrafluoride)		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex I))	
76-16-4	200-939-8	Hexafluoroethane (perfluoroethane)		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex I))	
76-19-7	200-941-9	Octafluoropropane (perfluoropropane)		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex I))	
		Decafluorobutane (perfluorobutane)		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex I))	
		Dodecafluoropentane (perfluoropentane)		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex I))	
		Tetradecafluorohexane (perfluorohexane)		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex I))	
115-25-3	204-075-2	Octafluorocyclobutane (Perfluorocyclobutane)		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex I))	
2551-62-4	219-854-2	Sulphur hexafluoride		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex I))	
		HFC-1234yf		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex II))	
		HFC-1234ze		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex II))	
		HFC-1336mzz		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex II))	
		HCFC-1233zd		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex II))	
		HCFC-1233xf		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex II))	
		HFE-125		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex II))	

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Mandatory requirement for suppliers of  
Lufthansa Technik Group and Deutsche Lufthansa AG

CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
		HFE-134 (HG-00)		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex II))	
		HFE-143a		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex II))	
		HCFE-235da2 (isofluorane)		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex II))	
		HFE-245cb2		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex II))	
		HFE-245fa2		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex II))	
		HFE-254cb2		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex II))	
		HFE-347 mcc3 (HFE-7000)		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex II))	
		HFE-347pcf2		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex II))	
		HFE-356pcc3		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex II))	
		HFE-569sf2 (HFE-7200)		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex II))	
		HFE-43-10pccc124 (H-Galden 1040x) HG-11		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex II))	
		HFE-236ca12 (HG-10)		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex II))	
		HFE-449sl (HFE-7100)		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex II))	
		HFE-338pcc13 (HG-01)		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex II))	
		HFE-347mmy1		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex II))	
		2,2,3,3,3-Pentafluoropropanol		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex II))	
		Bis(trifluoromethyl)-Methanol		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex II))	
		HFE-227ea		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex II))	

**Restricted and declarable substance list**  
Mandatory requirement for suppliers of  
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CAS Number	EC Number	Name	Substance Groups	Reasons for inclusion on the SIN List	REACH status, appears on
		HFE-236ea2 (Desfluoran)		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex II))	
		HFE-236fa		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex II))	
		HFE-245fa1		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex II))	
		HFE 263fb2		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex II))	
		HFE-329 mcc2		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex II))	
		HFE-338 mcf2		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex II))	
		HFE-338mmz1		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex II))	
		HFE-347 mcf2		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex II))	
		HFE-356 mec3		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex II))	
		HFE-356mm1		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex II))	
		HFE-356pcf2		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex II))	
		HFE-356pcf3		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex II))	
		HFE 365 mcf3		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex II))	
		HFE-374pc2		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex II))	
		Perfluorpolymethylisopropylether		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex II))	
		Stickstofftrifluorid		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex II))	
		Trifluormethylschwefelpentafluorid		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex II))	
		Perfluorocyclopropan		Fluorinated greenhouse gases (acc. to EU 517/2014 (Annex II))	