

 ASSOCIATION POUR L'ASSURANCE QUALITÉ DES FABRICANTS DE BRACELETS CUIR		DOC nb	LIS006_06
		Replace	LIS006_05
AQC Restricted Substances List for edge tinctures			
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Written by	Quality review (signature/date)	Process owner (signature/date)	
	 Sep 23, 2021	 Sep 24, 2021	
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Change log:

Version	Date	Modification
03	12Feb18	Revision: <ul style="list-style-type: none"> ✓ Addition of the table for AQC Allergen Reduction program at the end of the document ✓ Precision of the Method for free diisocyanates testing
04	18Aug19	Revision: <ul style="list-style-type: none"> ✓ Addition of Dimethylacetamide ✓ Review of Phthalates : addition of DHCP and new restriction limit for the sum of BBP+DBP+DEHP+DIBP ✓ Aromatic amines: addition of aniline and PPD (for information) ✓ Allergenic and carcinogenic dyes: definition of the list ✓ Suppression of Specific testing after chemical basis identification
05	07Jul21	Revision: <ul style="list-style-type: none"> ✓ Complete review of the RSL ✓ RSL divided into 2 parts: native tincture and pool of 6 tinctures for dyes/pigments testing
06	01Sep21	Revision: <ul style="list-style-type: none"> ✓ MCCP from no limit to 1'000 mg/kg (new entry SVHC list – 08Jul21) and update of CAS numbers for this chemical family ✓ Addition of Bisphenol B (new entry SVHC list – 08Jul21)

Associated document (level 1):

Document	Title
MAQ016	Processus sheet – Chemical Compliance Components & Bracelets

Associated document (level 2):

Document	Title
PRO008	Management of AQC Quality Control for edge tinctures

Associated document (level 3):

Document	Title
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Scope of the document

This document defines the list of restricted dangerous chemical substances and testing requirements in the context of edge tinctures for leather bracelet as specified by AQC.

For the definition of the limit present in this Restricted Substances list (RSL), AQC takes into consideration all the current international regulations for dangerous substances available and select the strictest limit. The list of chemicals present in this document has been selected on the basis of a risk-based approach completed by AQC experience and knowledge.

International regulations mentioned in this document are:

Abbreviation	Regulation	Country	Comment
16CFR1303	Ban of lead-containing paint and certain consumer products bearing lead-containing paint	USA	-
EU POP annex A	Regulation (EU) 2019/1021 of the European Parliament and of the Council on persistent organic pollutants	European Union	Annex A : Elimination
GB 20400-2006	Leather and fur—Limit of harmful matter	China	-
JP 112	Law on Control of Household Products Containing Harmful Substances	Japan	-
OChim	Ordinance on Protection against Dangerous Substances and Preparations	Switzerland	-
ORRChim	Ordinance on the Reduction of Risks relating to the Use of Certain Particularly Dangerous Substances, Preparations and Articles	Switzerland	-
Proposition 65	Safe Drinking Water and Toxic Enforcement Act	USA (California)	-
REACH XIV	Regulation (EC) no 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)	European Union	Annex XIV Substances subject to authorisation
REACH XVII			Annex XVII Substances subject to restriction
REACH SVHC			Substances of Very High Concern

Specific AQC consideration

In the column for regulation, "AQC" stands for extra-regulatory limit set by AQC in a pro-active way:

- "AQC" alone is applied for substances without known regulation
For some substances, AQC performs testing without limit (for information) or with a limit concentration
- (AQC) after a regulation indicate that the scope has been enlarged to glues by AQC or that the limit applied by AQC is lower than requested by the more stringent regulation.

AQC limit for REACH SVHCs

Article 33(1) of REACH requires that a supplier of articles containing a SVHC included in the Candidate List for authorization in a concentration above 0.1% (w/w) has to provide relevant safety information to the recipients of these articles (Watch Brands). Upon request of a consumer, Watch Brands have to provide relevant safety information about the SVHC to this consumer (Article 33(2) of REACH).

This requirement is also present in Swiss ordinance OChim, article 71.

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There is no regulatory requirement to limit SVHC content in articles to 1'000 mg/kg. Nevertheless, AQC Bracelet manufacturers limit all SVHC listed substances to 1'000 mg/kg in leather bracelet and also in leather before manufacturing.

AQC limit for Proposition 65

For substances listed in the Proposition 65 California, AQC limits take into account the limit in articles present in the case law of Proposition 65 and more precisely the limits indicated in the reformulation injunctions of settlements and judgements.

AQC considers in case law: leather articles and related articles to the watch bracelet but also any other article with a related exposure scenario (skin contact).

For substances without any indication of a limit in articles, AQC performs testing of a risk-based selection of substances potentially used for leather production and keeps available for Watch Brands all the data as a support for labelling decision.

AQC limit for EU POP

AQC limits for substances listed in Annex A (elimination) of the EU POP regulation is "not detectable" otherwise some specific limits are indicated for leather (ex: SCCP)

AQC limits for substances listed in Annex B (restriction) of the EU POP regulation is in accordance with the specific indications for leather (ex: PFOS)

General requirements for laboratory testing

- Sample picture

Picture of tincture samples received by the laboratory must be taken **without** plastic bag.

- Sample preparation

Edge tincture samples are packaged in airtight tubes provided by AQC.
Edge tincture samples are shipped unpolymerized.

For dye/pigment related substances testing, pool of 6 tinctures is prepared by AQC.

Polymerization of edge tinctures is performed by the laboratory.
Safety data Sheets and Technical sheets are available upon request at AQC.

TESTING PLAN FOR NATIVE TINCTURE

Substance family	Substance Name	Abbr.	CAS Number	AQC limit	Strictest Regulation	Test Method	
Aldehyde	Formaldehyde	-	50-00-0	75 mg/kg	GB 20400-2006	ISO 17226-1 adapted	
Anti-UV	2-benzotriazol-2-yl-4,6-di-tert-butylphenol	UV-320	3846-71-7	not detected	REACH XIV	Solvent extraction GC-MS detection	
	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol	UV-327	3864-99-1				
	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol	UV-328	25973-55-1				
	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol	UV-350	36437-37-3				
Bisphenols	4,4'-isopropylidenediphenol (bisphenol A)	BPA	80-05-7	1'000 mg/kg	REACH SVHC	internal method	
	4,4'-(1-methylpropylidene)bisphenol (bisphenol B)	BPB	77-40-7	1'000 mg/kg			
	4,4'-[2,2,2-trifluoro-1 (trifluoromethyl)ethylidene]diphenol (bisphenol AF)	BPS	80-09-1	for information	REACH restriction intention		
	2,2'-methylenediphenol (bisphenol F)	BPF	620-92-8				
	4,4'-sulphonyldiphenol (bisphenol S)	BPAF	1478-61-1				
Chlorine compounds	Alkanes, C10-13, chloro	SCCP	85535-84-8	1'000 mg/kg	REACH SVHC ORRChim EU POP. Annex A	Solvent extraction GC-MS detection	
	Alkanes, C14-17, chloro	MCCP	85535-85-9 198840-65-2 1372804-76-6	1'000 mg/kg	AQC		
Halogenated compounds	Fluorine (for perfluorinated substances)	F	7782-41-4	not detected ⁵	Various regulations	EDX	
	Bromine (for brominated flame retardants)	Br	7726-95-6	not detected ⁶			
Organotins	Tributyltin and related compounds Incl. TBT metacrylate	TBT	several CAS incl. 2155-70-6	1000 mg/kg each	REACH XVII entry 20 & REACH SVHC	ISO 16179 adapted	
	Triphenyltin and related compounds Incl. TPT hydroxide	TPT	several CAS incl. 76-87-9				
	All other tri-substituted tin compounds	-	Several CAS				
	Dibutyltin and related compounds	DBT	several CAS incl. 683-18-1				
	Diocetyl tin and related compounds	DOT	several CAS				
	di-μ-oxo-di-n-butylstanniohydroxyborane	DBB	75113-37-0		ORRChim REACH XVII entry 21		
Phenols	Octylphenols - 4-(1,1,3,3-tetramethylbutyl)phenol	OP PTOP	- 140-66-9	100 mg/kg (sum OP+OPEO)	REACH SVHC OChim Annex XIV (AQC)	ISO 18218 adapted	
	Octylphenol ethoxylates - 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated	OPEO -	- 9002-93-1 2497-59-8 2315-67-5 2315-61-9				
	Nonyphenols - 4-Nonylphenol, branched and linear	NP 4-NP	25154-52-3 several CAS				100 mg/kg (sum NP+NPEO)
	Nonyphenol Ethoxylates - 4-Nonylphenol, branched and linear, ethoxylated	NPEO (4-NPEO)	- several CAS incl. 26027-38-3				
	p-(1,1-dimethylpropyl)phenol	PTPP PTAP	80-46-6	1000 mg/kg each	REACH SVHC		internal method
	4-heptylphenol, branched and linear	4-HP	1987-50-4 72624-02-3				
	para-tert-butylphenol	PTBP	98-54-4				

⁵ In case of detection of Fluorine, please perform complementary testing for perfluorinated substances (page 6/9)

⁶ In case of detection of Bromine, please perform complementary testing for Brominated flame retardants (page 6/9)



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Substance family	Substance Name	Abbr.	CAS Number	AQC limit	Strictest Regulation	Testing Method
Phthalates	Diisobutyl phthalate	DIBP	84-69-5	1000 mg/kg (sum)	REACH XVII entry 51	ISO 16181
	Dibutyl phthalate	DBP	84-74-2			
	Benzyl butyl phthalate	BBP	85-68-7			
	Bis(2-ethylhexyl) phthalate	DEHP	117-81-7			
	Bis(2-methoxyethyl) phthalate	DMEP	117-82-8	1000 mg/kg (each)	REACH SVHC	
	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	DHNUP (L&R)	68515-42-4			
	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	-	71888-89-6			
	Di-isopentyl phthalate	DIPP	605-50-5			
	Di-n-pentyl phthalate	DnPP	131-18-0			
	N-pentyl-isopentylphthalate	nPIPP	776297-69-9			
	1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear	DNIPP (L&R)	84777-06-0			
	Di-n-hexyl phthalate	DnHP	84-75-3			
	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	DIHxP (L&R)	68515-50-4			
	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters	-	68648-93-1 68515-51-5			
	Dicyclohexyl phthalate	DHCP	84-61-7			
	Diisohexyl phthalate	DIHP	71850-09-4			
	Di-n-octyl phthalate	DNOP	117-84-0			
Di-"isononyl" phthalate	DINP	28553-12-0 68515-48-0				
Di-"iso-decyl" phthalate	DIDP	26761-40-0 68515-49-1				
Polycyclic Aromatic Hydrocarbons (PAHs)	Benzo(a)pyrene	BaP	50-32-8	1 mg/kg	REACH XVII entry 50 ORRChim	AfPS-GS-2014-01-PAK
	Benzo(a)anthracene	BaA	56-55-3	1 mg/kg		
	Benzo(b)fluoranthene	BbF	205-99-2	1 mg/kg		
	Benzo(e)pyrene	BeP	192-97-2	1 mg/kg		
	Benzo(j)fluoranthene	BjF	205-82-3	1 mg/kg		
	Benzo(k)fluoranthene	BkF	207-08-9	1 mg/kg		
	Chrysene	CHR	218-01-9	1 mg/kg		
	Dibenzo(a,h)anthracene	DBA	53-70-3	1 mg/kg		
Volatile Organic Compounds (VOCs)	Hexachlorobuta-1,3-diene	-	87-68-3	not detected	EU POP Annex A	EPA 5021A EPA 8260C or internal Headspace GC-MS
	1,1,1-Trichloroethane	-	71-55-6	not detected	ORRChim	
	1,1,2-Trichloroethane	-	79-00-5	not detected	REACH XIV	
	Trichloroethylene	-	79-01-6	not detected		
	N,N-dimethylformamide	DMFo	68-12-2	1000 mg/kg	REACH SVHC Ochim	
	Formamide	-	75-12-7	1000 mg/kg		
	N,N-Dimethylacetamide	DMAC	127-19-5	1000 mg/kg		
	2-ethoxyethanol	EGEE	110-80-5	1000 mg/kg		
	2-(2-butoxyethoxy)ethanol	DEGBE	112-34-5	for information	REACH XVII entry 55 ORRChim (AQC)	
	2-(2-methoxyethoxy)ethanol	DEGME	111-77-3		REACH XVII entry 54 ORRChim (AQC)	
	n-hexane	-	110-54-3		Prop65	
	Tetrachloroethylene	-	127-18-4			
	Benzene	BTEX	71-43-2			
	Toluene	-	108-88-3			
	Ethylbenzene	-	100-41-4			
Meta-Xylene	-	108-38-3	AQC			
Ortho-Xylene	-	95-47-6				
Para-Xylene	-	106-42-3				

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In case of Bromine detection, the following testing is performed

Substance family	Substance Name	Abbr.	CAS Number	AQC limit	Strictest Regulation	Testing Method
Flame retardant	Polybromobiphenyls	PBB	59536-65-1	not detected	REACH XVII entry 8 (AQC)	ISO 17881
	Diphenyl ether, pentabromo derivative	PentaBDE	32534-81-9	not detected	EU POP annex A	
	Diphenyl ether, octabromo derivative	OctaBDE	32536-52-0	not detected	EU POP annex A	
	Diphenyl ether, decabromo derivative	DecaBDE	1163-19-5	not detected	EU POP Annex A	
	Diphenyl ether, tetrabromo derivative	TetraBDE	40088-47-9	not detected	EU POP Annex A	
	Diphenyl ether, heptabromo derivative	HeptaBDE	68928-80-3	not detected	EU POP annex A	
	Diphenyl ether, hexabromo derivative	HexaBDE	36483-60-0	not detected	EU POP annex A	
	Diphenyl ether, nonabromo derivative	NonaBDE	63936-56-1	not detected	AQC	
	Hexabromocyclododecane and isomers	HBCDD	Several CAS	25 mg/kg	Prop 65	
2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol (Tetrabromobisphenol A)	TBBPA	79-94-7	information	Prop65		

In case of Fluorine detection, the following testing is performed

Substance family	Substance Name	Abbr.	CAS Number	AQC limit	Strictest Regulation	Testing Method
Perfluorinated compounds	Perflorooctane sulfonates	PFOS	1763-23-1	1 µg/m ²	ORRChim EU POP annex B	ISO 23702-1
	Perfluorooctanoic acid and its salts	PFOA	several including 335-67-1	0.025 mg/kg	REACH XVII Entry 62	
	Perfluorooctanoic acid related substances	-	Several	1 mg/kg		
	Henicosafuoroundecanoic acid	PFUnA	2058-94-8	0.025 mg/kg (sum)	REACH XVII entry ongoing (AQC)	
	Heptacosafuorotetradecanoic acid	PFTDA	376-06-7			
	Pentacosafuorotridecanoic acid	PFTrDA	72629-94-8			
	Tricosafuorododecanoic acid	PFDoDA	307-55-1			
	Perfluorononanoic acid and its sodium and ammonium salts	PFNA	375-95-1			
	Nonadecafluorodecanoic acid and its sodium and ammonium salts	PFDA	3108-42-7 3830-45-3 335-76-2	0.260 mg/kg (sum)	REACH SVHC	
	C9-C14 PFCA related substances	-	Several			
	Perfluorohexane-1-sulphonic acid	PFHxS	355-46-4	1000 mg/kg	REACH SVHC	
	Perfluorobutane sulfonic acid and its salts	PFBS	375-73-5 375-72-4 25628-08-4 34454-97-2	1000 mg/kg		
Undecafluorohexanoic acid, its salts and related substances	PFHxA	Several	for information	AQC		



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TESTING PLAN FOR DYES/PIGMENTS RELATED SUBSTANCES (POOL OF 6 TINCTURES)

Substance family	Substance Name	Abbr.	CAS Number	AQC limit	Strictest Regulation	Test Method	
Allergenic disperse Dyes	Navy blue dye	-	118685-33-9	1000 mg/kg	REACH XVII Entry 43 (appx 9) (AQC)	DIN 54231	
	C.I. Disperse Blue 3	-	2475-46-9	for information	REACH XVII Proposal For allergens (AQC)		
	C.I. Disperse Blue 7	-	3179-90-6				
	C.I. Disperse Blue 26	-	3860-63-7				
	C.I. Disperse Blue 35	-	12222-75-2				
	C.I. Disperse Blue 102	-	12222-97-8				
	C.I. Disperse Blue 106	-	68516-81-4				
	C.I. Disperse Blue 124	-	15141-18-1				
	C.I. Disperse Blue 291	-	56548-64-2				
	C.I. Disperse Brown 1	-	23355-64-8				
	C.I. Disperse Orange 1	-	2581-69-3				
	C.I. Disperse Orange 3	-	730-40-5				
	C.I. Disperse Orange 37/59/76	-	13301-61-6 12223-33-5 51811-42-8				
	C.I. Disperse Red 1	-	2872-52-8				
	C.I. Disperse Red 11	-	2872-48-2				
	C.I. Disperse Red 17	-	3179-89-3				
	C.I. Disperse Yellow 1	-	119-15-3				
	C.I. Disperse Yellow 9	-	6373-73-5				
	C.I. Disperse Yellow 23	-	6250-23-3				
	C.I. Disperse Yellow 39	-	12236-29-2				
C.I. Disperse Yellow 49	-	54824-37-2					
C.I. Disperse Yellow 64	-	10319-14-9					
C.I. Disperse Orange 149	-	85136-74-9					
C.I. Disperse Violet 1	-	128-95-0					
C.I. Disperse Violet 93	-	268221-71-2					
&	C.I. Basic Violet 3	Gentiane Violet	548-62-9	1000 mg/kg each	SVHC		
	C.I. Basic Blue 26	-	2580-56-5				
	C.I. Solvent Blue 4	-	6786-83-0	not tested ¹			
	C.I. Solvent Violet 8	-	561-41-1				
	C.I. Pigment Red 104	-	12656-85-8	1000 mg/kg each	SVHC REACH XVII entry 43 ²		
	C.I. Pigment Yellow 34	-	1344-37-2				
	C.I. Direct Black 38	-	1937-37-7	for information	Prop65 REACH XVI entry 43 ²		
	C.I. Direct Red 28	-	573-58-0				
	C.I. Acid Red 114	-	6459-94-5	for information	Prop65		
	C.I. Direct Blue 6	-	2602-46-2				
	C.I. Direct Blue 15	-	2429-74-5				
	C.I. Direct Blue 218	-	28407-37-6				
	C.I. Direct Brown 95	-	16071-86-6				
	C.I. Disperse Blue 1	-	2475-45-8				
	C.I. Disperse Orange 11	-	82-28-0				
	C.I. Disperse Yellow 3	-	2832-40-8				
	C.I. Pigment Red 53	D&C Red No.8	2092-56-0				
	C.I. Pigment Red 53:1	D&C Red No.9	5160-02-1				
	C.I. Pigment Violet 1(or Basic violet 10)	D&C Red No.19	81-88-9				
	C.I. Acid Red 26	Ponceau	3761-53-3				
C.I. Basic Red 9	-	569-61-9					
C.I. Solvent Yellow 14	-	842-07-9					
C.I. Solvent Yellow 2	-	60-11-7					
Carcinogenic dyes/pigments							

¹ Compliance ensured by total Lead testing with a limit of 90 mg/kg

² Compliance to entry 43 ensured by aromatic amines testing with a limit of 30 mg/kg

Substance family	Substance Name	Abbr.	CAS Number	AQC limit	Strictest Regulation	Test Method
Aromatic amines	Biphenyl-4-ylamine	-	92-67-1	30 mg/kg each	REACH XVII entry 43	ISO 17234 adapted
	Benzidine	-	92-87-5			
	4-chloro-o-toluidine	-	95-69-2			
	2-naphthylamine	-	91-59-8			
	4-o-tolylazo-o-toluidine	-	97-56-3			
	5-nitro-o-toluidine	-	99-55-8			
	4-chloroaniline	-	106-47-8			
	4-methoxy-m-phenylenediamine	-	615-05-4			
	4,4'-methylenedianiline	MDA	101-77-9			
	3,3'-dichlorobenzidine	-	91-94-1			
	3,3'-dimethoxybenzidine	-	119-90-4			
	4,4'-bi-o-toluidine	-	119-93-7			
	4,4'-methylenedi-o-toluidine	-	838-88-0			
	6-methoxy-m-toluidine	-	120-71-8			
	4,4'-methylenebis[2-chloroaniline]	MOCA	101-14-4			
	4,4'-oxydianiline	-	101-80-4			
	4,4'-thiodianiline	-	139-65-1			
	o-toluidine	-	95-53-4			
	4-methyl-m-phenylenediamine	-	95-80-7			
	2,4,5-trimethylaniline	-	137-17-7			
4-methyl-m-phenylenediamine	-	90-04-0				
4-aminoazobenzene	-	60-09-3				
2,6-xylidine	-	87-62-7				
2,4-xylidine	-	95-68-1				
Metals	Chromium (VI)	Cr(VI)	18540-29-9	3 mg/kg of dry matter	REACH XVII entry 47 (AQC)	ISO 3856-5
	Chromium	Cr	7440-47-3	for information	AQC	ISO 17072-2 adapted
	Cadmium	Cd	7440-43-9	100 mg/kg	REACH XVII entry 23	
	Lead	Pb	7439-92-1	90 mg/kg	16CFR1303	
	Arsenic ¹	As	7440-38-2	1 mg/kg	REACH SVHC (AQC)	
	Mercury	Hg	7439-97-6	1 mg/kg	JP 112	
	Strontium ³	Sr	7440-24-6	1000 mg/kg	REACH SVHC	
	Cobalt ⁴	Co	7440-48-4	1000 mg/kg	REACH SVHC	
	Nickel (extractible)	Ni extrac.	7440-02-0	for information	REACH XVII Entry ongoing allergens (AQC)	ISO 17072-1 adapted
	Cobalt (extractible)	Co extrac.	7440-48-4	for information		

¹ Screening for diarsenic pentaoxide (CAS 1303-28-2) and diarsenic trioxide (CAS 1327-53-3)

³ Screening for Strontium chromate (CAS 7789-06-2)

⁴ Screening for Cobalt dichloride (CAS 7646-79-9), Cobalt(II) sulphate (CAS 10124-43-3), Cobalt(II) dinitrate (CAS 10141-05-6), Cobalt(II) carbonate (CAS 513-79-1), Cobalt(II) diacetate (CAS 71-48-7)



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AQC ALLERGEN REDUCTION PROGRAM

Allergenic Substances (H317)	Abbreviation	CAS Number	Comment
Formaldehyde	-	50-00-0	H317 only if C > 2000 ppm
Di-n-octyl phthalate	DNOP	117-84-0	
Aromatic amines: 4-o-tolyazo-o-toluidine	-	97-56-3	
Aromatic amines: 4-chloroaniline	-	106-47-8	
Aromatic amines: 4,4'-methylenediamine	MDA	101-77-9	
Aromatic amines: 3,3'-dichlorobenzidine	-	91-94-1	
Aromatic amines: 4,4'-methylenedi-o-toluidine	-	838-88-0	
Aromatic amines: 4-methyl-m-phenylenediamine	-	95-80-7	
PAHs: benzo(def)chrysene also called benzo(a)pyrene	BaP	50-32-8	
p-(1,1-dimethylpropyl)phenol	PTPP PTAP	80-46-6	
4-heptylphenol, branched and linear	4-HP	72624-02-3	
4-tert-butylphenol (glue and bracelet)	PTBP	98-54-4	not H317 in CLP but suspected H317
4-tert-octylphenol	PTOP	140-66-9	
Bisphenol A	BPA	80-05-7	
Hexachlorobuta-1,3-diene	-	87-68-3	
Di-μ-oxo-di-n-butylstanniohydroxyboran (Dibutyltin hydrogen borate)	DBB	75113-37-0	
Chromium (VI)	Cr(VI)	18540-29-9	No harmonized CLP – 3/4
Nickel (and related compounds)	Ni	7440-02-0	
Cobalt (and related compounds)	Co	7440-48-4	
Navy blue dye	-	118685-33-9	
C.I. Disperse Blue 3	-	2475-46-9	Evaluated as skin sensitizers in REACH restriction proposal for allergens in leather in contact with skin
C.I. Disperse Blue 7	-	3179-90-6	
C.I. Disperse Blue 26	-	3860-63-7	
C.I. Disperse Blue 35	-	12222-75-2	
C.I. Disperse Blue 102	-	12222-97-8	
C.I. Disperse Blue 106	-	68516-81-4	
C.I. Disperse Blue 124	-	15141-18-1	
C.I. Disperse Blue 291	-	56548-64-2	
C.I. Disperse Brown 1	-	23355-64-8	
C.I. Disperse Orange 1	-	2581-69-3	
C.I. Disperse Orange 3	-	730-40-5	
C.I. Disperse Orange 37/59/76	-	13301-61-6 12223-33-5 51811-42-8	
C.I. Disperse Red 1	-	2872-52-8	
C.I. Disperse Red 11	-	2872-48-2	
C.I. Disperse Red 17	-	3179-89-3	
C.I. Disperse Yellow 1	-	119-15-3	
C.I. Disperse Yellow 9	-	6373-73-5	
C.I. Disperse Yellow 23	-	6250-23-3	
C.I. Disperse Yellow 39	-	12236-29-2	
C.I. Disperse Yellow 49	-	54824-37-2	
C.I. Disperse Yellow 64	-	10319-14-9	
C.I. Disperse Orange 149	-	85136-74-9	
C.I. Disperse Violet 1	-	128-95-0	
C.I. Disperse Violet 93	-	268221-71-2	
C.I. Solvent Blue 4	-	6786-83-0	
C.I. Disperse Blue 1	-	2475-45-8	
C.I. Disperse Yellow 3	-	2832-40-8	
C.I. Solvent Yellow 14	-	842-07-9	

Limits for substances in bold type are AQC internal requirements tighter than requested by the current regulation.









LIS006_06 AQC RSL for edge tinctures

Final Audit Report

2021-09-24

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