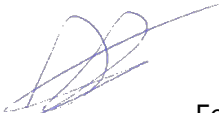

 ASSOCIATION POUR L'ASSURANCE QUALITÉ DES FABRICANTS DE BRACELETS CUIR		<b>DOC nb</b> LIS008_05
		<b>Replace</b> LIS008_04
<b>RESTRICTED SUBSTANCES LIST FOR TEXTILES AND THREADS</b>		
<b>Application date: 01Mar22</b>		Page 1/10
Written by	Quality review (signature/date)  Feb 25, 2022	Process owner (signature/date)  Feb 25, 2022
Sébastien Bagot / Technical & Quality Manager	David Astier / Quality Assurance & Quality Control Officer	Sébastien Bagot / Technical & Quality Manager

### Change log

Version	Date	Modification
04	19Oct20	Revision: - Complete review of the list with integration of new entry 72 of annex XVII of REACH
05	01Mar22	Revision: <ul style="list-style-type: none"> <li>- Alkylphenols : precision of isononylphenol within the 4-nonylphenol, branched and linear family</li> <li>- MCCPs: limit to 1'000 mg/kg (entry in SVHC list)</li> <li>- PAHs: update of testing method version (2019)</li> <li>- PAHs : table for anthracene limit replaced by a comment</li> <li>- Addition of Bisphenols testing</li> <li>- Cobalt and Nickel from total to extractible (textile for top)</li> <li>- Suppression of reference to EU POP annexes (regulation recast – June 2019)</li> <li>- Suppression of Allergen risk reduction program table at the end of the document</li> <li>- Option for organotin reviewed with limit of Japan 112</li> </ul>

### Associated document (level 1)

Document	Title
MAQ016	Chemical Compliance Process

### Associated document (level 2)

Document	Title
PRO013	Textiles and threads Quality Control
PRO007	Control Scheme for Insides

### Associated document (level 3)\*

Document	Title
-	-

\* Some internal documents are not disclosed

### Scope of the document

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

AQC considers in the present document 2 categories of textiles:

- **Textiles “top”**: all textiles, woven or nonwoven, located on the top layer of the bracelet.

Those textiles include “fruit textiles” (apple, pineapple, pear, ...). In compliance with ISO 15115, AQC do not considers these materials as leather because they are not from animal origin.

AQC considers the textiles “top” to be in contact with skin (free loop).

Threads are included in this category as they could be present on the external and internal faces of the bracelet and by the way have a skin contact.

- **Textiles “inside”**: all textiles, woven or nonwoven, located in the inner layer of the bracelet.

Those textiles include tearproof materials and microfibers (padding).

AQC considers the textiles “inside” not to be in contact with skin.

For the definition of the limits 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 PIC	Regulation (EU) 649/2012 concerning the export and import of hazardous chemicals	European Union	includes chemicals of Annexe III of Rotterdam Convention
EU POP	Regulation (EU) 2019/1021 of the European Parliament and of the Council on persistent organic pollutants	European Union	-
GB 18401	National general safety code for textile products	China	-
JP112	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, Authorisation 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

 <small>ASSOCIATION POUR L'ASSURANCE QUALITÉ DES FABRICANTS DE BRACELETS CUIR</small>	LIS008_05
<b>RESTRICTED SUBSTANCES LIST FOR TEXTILES AND THREADS</b>	Page 3/10

- (AQC) after a regulation indicate that the scope has been enlarged to textile by AQC or that the limit applied by AQC is lower than requested by the more stringent regulation.

#### AQC limit for REACH/OChim 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.

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 bracelets and components.

#### AQC limit for Proposition 65

For substances listed in the Proposition 65 California, AQC limits consider 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.

#### General requirements for laboratory testing

- Sample picture

Picture of textile samples or threads roll received by the laboratory have to be taken **without** plastic bag.

- Sample preparation

Textile samples are prepared as indicated in the methods indicated.  
AQC does not have specific requirements.

## RESTRICTED SUBSTANCES LIST FOR TEXTILES AND THREADS

Substance family	Substance Name	Abbr.	CAS Number	TOP	INSIDE	AQC limit	Strictest Regulation	Test Method
Aldehyde	Formaldehyde	-	50-00-0	x	x	75 mg/kg	JP 112	ISO 14184-1
Aromatic amines	Biphenyl-4-ylamine	-	92-67-1	x	x	30 mg/kg each	REACH XVII (entry 43)	EN 14362
	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-xylydine	-	87-62-7						
2,4-xylydine	-	95-68-1						
Formaldehyde, oligomeric reaction products with aniline	Polymeric MDA	25214-70-4						
	p-phenylenediamine	PPD	106-50-3			for information	REACH XVII proposal (AQC) Prop 65	
	Aniline	-	62-53-3					
	4-chloro-o-toluidinium chloride	-	3165-93-3					
	2-naphthylammoniumacetate	-	553-00-4					
	4-methoxy-m-phenylene diammonium sulphate	-	39156-41-7			30 mg/kg each	REACH XVII entry 72	
	2,4,5-trimethylaniline hydrochloride	-	21436-97-5					
Biocides	Dimethylfumurate	DMFu	624-49-7	x	x	0.1 mg/kg	REACH ORRChim	ISO 16186
Bisphenols	4,4'-isopropylidenediphenol (bisphenol A)	BPA	80-05-7	x	x	1000 mg/kg	REACH SVHC	Methanol extraction/ultrasound LC detection
	4,4'-(1-methylpropylidene)bisphenol (bisphenol B)	BPB	77-40-7			1000 mg/kg		
	4,4'-[2,2,2-trifluoro-1 (trifluoromethyl)ethylidene]diphenol (bisphenol AF)	BPAF	1478-61-1			for information	REACH restriction intention	
	2,2'-methylenediphenol (bisphenol F)	BPF	2467-02-9					
	4,4'-sulphonyldiphenol (bisphenol S)	BPS	80-09-1					
Chlorophenols	Pentachlorophenol	PCP	87-86-5	x	x	0.5 mg/kg	ORRChim	ISO 17070
	Tetrachlorophenols	TeCP	25167-83-3			0.5 mg/kg	ORRChim	
	2,3,4,5-		4901-51-3					
	2,3,4,6-		58-90-2					
2,3,5,6-	935-95-5							
2,4,6-Trichlorophenols	TCP	88-06-2			for information	Prop65		
Chlorotoluenes	$\alpha, \alpha, \alpha, 4$ -tetrachlorotoluene; p-chlorobenzotrichloride	-	5216-25-1	x		1 mg/kg	REACH XVII Entry 72	EN 17317
	$\alpha, \alpha, \alpha$ -trichlorotoluene; benzotrichloride	-	98-07-7			1 mg/kg		
	$\alpha$ -chlorotoluene; benzyl chloride	-	100-44-7			1 mg/kg		
Chlorine compounds	Alkanes, C10-13, chloro	SCCP	85535-84-8	x	x	1000 mg/kg	REACH SVHC ORRChim EU POP	ISO 22818
	Alkanes, C14-17, chloro	MCCP	85535-85-9			1'000 mg/kg	REACH SVHC	



ASSOCIATION POUR L'ASSURANCE QUALITÉ  
DES FABRICANTS DE BRACELETS CUIR

LIS008\_05

**RESTRICTED SUBSTANCES LIST FOR TEXTILES AND THREADS**

Page 5/10

Substance family	Substance Name	Abbr.	CAS Number	TOP	INSIDE	AQC limit	Strictest Regulation	Test Method
Carcinogenic and allergenic dyes	Navy blue dye	-	118685-33-9	x		1000 mg/kg	REACH XVII Entry 43 (appx 9) (AQC)	DIN 54231
	C.I. Solvent Violet 8		561-41-1			1000 mg/kg	REACH SVHC	
	C.I. Solvent Blue 4		6786-83-0					
	C.I. Direct Red 28		573-58-0					
	C.I. Direct Black 38		1937-37-7			50 mg/kg each	REACH XVII entry 72	
	C.I. Basic Blue 26		2580-56-5					
	C.I. Basic Red 9		569-61-9			for information	REACH XVII Proposal for allergens (AQC)	
	C.I. Basic Violet 3 with ≥ 0,1 % of Michler's ketone		548-62-9					
	C.I. Disperse Blue 1	-	2475-45-8			for information	Prop65	
	C.I. Disperse Blue 3	-	2475-46-9					
	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	-	122463-28-9					
	C.I. Disperse Yellow 3		2832-40-8					
	C.I. Disperse Orange 11		82-28-00					
	C.I. Acid Red 26		3761-53-3					
	C.I. Acid Red 114		6459-94-5					
	C.I. Acid Violet 49		1694-09-3					
	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. Solvent Yellow 2		60-11-7						
C.I. Solvent Yellow 14		842-07-9						
C.I. Solvent Yellow 34		492-80-8						

## RESTRICTED SUBSTANCES LIST FOR TEXTILES AND THREADS

Substance family	Substance Name	Abbr.	CAS Number	TOP	INSIDE	AQC limit	Strictest Regulation	Test Method			
Flame retardants	Polybromobiphenyls	PBB	59536-65-1	x	x	not detected	REACH XVII entry 8	ISO 17881-1			
	Diphenyl ether, pentabromo derivative	PentaBDE	32534-81-9			not detected	EU POP				
	Diphenyl ether, octabromo derivative	OctaBDE	32536-52-0			not detected					
	Diphenyl ether, decabromo derivative	DecaBDE	1163-19-5			not detected					
	Diphenyl ether, tetrabromo derivative	TetraBDE	40088-47-9			not detected					
	Diphenyl ether, heptabromo derivative	HeptaBDE	68928-80-3			not detected					
	Diphenyl ether, hexabromo derivative	HexaBDE	36483-60-0			not detected					
	Diphenyl ether, nonabromo derivative	NonaBDE	63936-56-1			not detected			AQC		
	Hexabromocyclododecane and isomers	HBCDD	Several CAS			25 mg/kg			Proposition 65		
	Tris(1,3-dichloro-2-propyl)phosphate	TDCCP	13674-87-8			25 mg/kg			Prop65		
	Tetrabromobisphenol A	TBBPA	79-94-7			information			Prop65		
	Tri(aziridin-1-yl) phosphine oxide	TEPA	545-55-1			not detected			REACH XVII entry 7		
	Tris(2-chloroethyl) phosphate	TCEP	115-96-8			x			25 mg/kg	Proposition 65	ISO 17881-2
	Tris(2,3-dibromopropyl) phosphate	TRIS	126-72-7						25 mg/kg	REACH XVII entry 4	
	Triphenyl phosphate	TPP	115-86-6			x			information	AQC	
heterocycle	Quinoline	-	91-22-5	x		50 mg/kg		REACH XVII Entry 72	Methanol or THF extraction HPLC-MS/MS or HPLC-DAD		
Perfluorinated compounds	Perfluorooctane sulfonates	PFOS	1763-23-1	x	x	1 µg/m <sup>2</sup>	ORRChim EU POP	CEN/TS 15968			
	Perfluorooctanoic acid and its salts	PFOA	several incl. 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			1000 mg/kg					
	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		

## RESTRICTED SUBSTANCES LIST FOR TEXTILES AND THREADS

Substance family	Substance Name	Abbr.	CAS Number	TOP	INSIDE	AQC limit	Strictest Regulation	Test Method
Metals	Cadmium	Cd	7440-43-9	x		100 mg/kg	REACH XVII entry 23	EN 14602
	Lead	Pb	7439-92-1			90 mg/kg	16CFR1303 (AQC)	
	Arsenic	As	7440-38-2			1 mg/kg	AQC	
	Mercury	Hg	7439-97-6			1 mg/kg	JP 112	
	Tin <sup>1</sup>	Sn	7440-31-5			1 mg/kg	REACH XVII entry 20 (AQC)	
	Chromium	Cr	7440-47-3			for information	AQC	
	Chromium (VI) (extractible)	Cr(VI)	18540-29-9	x		1 mg/kg	REACH XVII Entry 72	Adapted ISO 17072-2 or Extraction per ISO 16711-2 and determination with diphenylcarbazine or GB 17593.3
	Cadmium (extractible)	Cd	7440-43-9			1 mg/kg		
	Arsenic (extractible)	As	7440-38-2			1 mg/kg		
	Lead (extractible)	Pb	7439-92-1			1 mg/kg		
	Cobalt (extractible)	Co	7440-84-4			for information		REACH XVII Proposal for allergens (AQC)
	Nickel (extractible)	Ni	7440-02-0			for information		
	Chromium (extractible)	Cr	7440-47-3			for information		AQC
Phenols	Octylphenols - 4-(1,1,3,3-tetramethylbutyl)phenol	OP (PTOP)	- 140-66-9	x	x	100 mg/kg (sum OP+OPEO)	REACH SVHC OChim Annex XIV (AQC) Sunset date 01.2021	ISO 18218
	Octylphenol ethoxylates - 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated	OPEO -	9002-93-1 2497-59-8 2315-67-5 2315-61-9					
	Nonylphenols - 4-Nonylphenol, branched and linear	NP 4-NP	25154-52-3 several CAS			100 mg/kg (sum NP+NPEO)	REACH SVHC Annex XIV (AQC) Sunset date 01.2021	
	Nonylphenol Ethoxylates - 4-Nonylphenol, branched and linear, ethoxylated <b>Incl. isononylphenol</b>	NPEO (4-NPEO)	- several CAS 11066-49-2					
	p-(1,1-dimethylpropyl)phenol	PTPP	80-46-6			1000 mg/kg	REACH SVHC	Internal method
	4-heptylphenol, branched and linear	4-HP	1987-50-4 72624-02-3					



ASSOCIATION POUR L'ASSURANCE QUALITÉ  
DES FABRICANTS DE BRACELETS CUIR

LIS008\_05

**RESTRICTED SUBSTANCES LIST FOR TEXTILES AND THREADS**

Page 8/10

Substance family	Substance Name	Abbr.	CAS Number	TOP	INSIDE	AQC limit	Strictest Regulation	Testing Method
Phthalates	Diisobutyl phthalate	DIBP	84-69-5	x	x	1000 mg/kg (sum)	REACH XVII entry 51	ISO 14389
	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					
	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					
	Di-n-hexyl phthalate	DnHP	84-75-3					
	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	DHNUP (L&R)	68515-42-4					
	N-pentyl-isopentylphthalate	nPIPP	776297-69-9					
	1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear	DNIPP (L&R)	84777-06-0					
	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						
Physical	Hydrogen ion	pH	-	x		4.0 - 8.5	GB 18401	ISO 3071
Physical	Hydrogen ion	pH	-		x	For information	AQC	ISO 3071
Polycyclic Aromatic Hydrocarbons (PAHs)	Benzo(a)pyrene	BaP	50-32-8	x	x	1 mg/kg	REACH XVII entry 72 & entry 50 ORRChim (AQC)	AfPS-GS-2019-01-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		
	Phenanthrene	PEH	85-01-8			1000 mg/kg		
	Fluoranthene	FLT	206-44-0			1000 mg/kg		
	Pyrene	PYR	129-00-0			1000 mg/kg		
	Benzo(g,h,i)perylene	BPE	191-24-2			1000 mg/kg		
	Anthracene	-	191-24-2			5 mg/kg*		
	Indeno(1,2,3-cd)pyrene	IPY	193-39-5			for information		
	Naphtalene	NAP	91-20-3				Prop 65	
	Acenaphtylene	ANY	208-96-8				AQC	
	Acenaphtalene	ANA	83-32-9					
	Fluorene	FLU	86-73-7					
Solvents	N-methyl-2-pyrrolidone	NMP	872-50-4	x	x	1000 mg/kg	REACH SVHC	ISO 16189
	N,N-dimethylacetamide	DMAC	127-19-5			1000 mg/kg		
	N,N-dimethylformamide	DMFo	68-12-2			1000 mg/kg		
Volatile Organic Compounds (VOCs)	Benzene	-	71-43-2	x		5 mg/kg	REACH XVII Entry 72	Headspace GC-MS

\* because of Anthracene oil, anthracene paste, distn lights (contain 0.5% to 25% of anthracene) CAS 91995-17-4 (REACH SVHC)



**OPTION FOR "NATURAL FIBERS" BASED TEXTILES**

Substance family	Substance Name	Abbr.	CAS Number	AQC limit	Regulation	AQC required Method
Pesticides	Aldrin	-	309-00-2	not detected	EU POP	EPA 8081B EPA 8141B EPA 8151A
	Chlordane		57-74-9			
	Chlordecone		143-50-0			
	4,4'-DDT	DDT	50-29-3			
	Dicofol		115-32-2 10606-46-9			
	Dieldrin		60-57-1			
	Endrin		72-20-8			
	Endosulfan		115-29-7 and isomers: 959-98-8 and 33213-65-9			
	Hexachlorocyclohexanes (mixed isomers)	HCH	608-73-1 319-84-6 (alpha) 319-85-7 (beta) 58-89-9 (gamma)			
	Heptachlor		76-44-8			
	Hexachlorobenzene		118-74-1			
	Lindane		58-89-9			
	Mirex		2385-85-5			
	Toxaphene		8001-35-2			
	1,2-dibromoethane	EDB	106-93-4			
	2,4,5-T and its salts and esters		several CAS			
	Alachlor		15972-60-8			
	Aldicarb		116-06-3			
	Azinphos-methyl		86-50-0			
	Benomyl		17804-35-2			
	Binapacryl		485-31-4			
	Captafol		2425-06-1			
	Carbofuran		1563-66-2			
	Chlordimeform		6164-98-3			
	Chlorobenzilate		510-15-6			
	Dinitro-ortho-cresol and its salts	DNOC	several CAS including 534-52-1			
	Dinoseb and its salts and esters		several CAS including 88-85-7			
	Ethylene dichloride (1,2-dichloroethane)		107-06-2			
	Ethylene oxide		75-21-8			
	Fluoroacetamide		640-19-7			
	Methamidophos		10265-92-6			
	Methyl-parathion		298-00-0			
	Monocrotophos		6923-22-4			
	Parathion		56-38-2			
	Phorate		298-02-2			
	Phosphamidon		297-99-4 13171-21-6 23783-98-4			
	Thiram		137-26-8			
	Trichlorfon		52-68-6			
	Isodrin		465-73-6			
	Kelevan		4234-79-1			
Strobane		8001-50-1				
Telodrin		297-78-9				
Dichlorodiphenyldichloroethylene	DDE	72-55-9				
Dichlorodiphenyldichloromethane	DDD	53-19-0				
Methoxychlor		72-43-5				
Perthan		72-56-0				
Quinchozene		82-68-8				
Heptachlor epoxide		1024-57-3				
Carbaryl		63-25-2				
Dichloroprop	2,4-DP	120-36-5				
Heptachlor epoxide		1024-57-3				
Malathion		121-75-5				
Dichlorodiphenyldichloroethane	DDD	72-54-8				
Tribufos	DEF	78-48-8				
				For information	Prop65	

## OPTION IF TIN IS DETECTED

<sup>1</sup> In case of total Tin > 1 mg/kg, the following testing is performed

Substance family	Substance Name	Abbr.	CAS Number	AQC limit	Regulation	Test Method
Organotins	Tributyltin and related compounds Incl. TBT metacrylate	TBT	several CAS incl. 2155-70-6	1 mg/kg each	Japan 112	ISO 16179
	Triphenyltin and related compounds Incl. TPT hydroxide	TPT	several CAS incl. 76-87-9			
	All other tri-substitued tin compounds	-	Several CAS	1000 mg/kg each	REACH XVII entry 20 &	
	Dibutyltin and related compounds	DBT	several CAS incl. 683-18-1		REACH SVHC	
	Diocetyl tin and related compounds	DOT	several CAS		REACH XVII entry 21	
	Di- $\mu$ -oxo-di-n-butylstanniohydroxyboran (Dibutyltin hydrogen borate)	DBB	75113-37-0			









# LIS008\_05 AQC RSL for textiles and threads

Final Audit Report

2022-02-25

Created:	2022-02-25
By:	Sébastien Bagot (sebastien.bagot@aqc-asso.ch)
Status:	Signed
Transaction ID:	CBJCHBCAABAA4oTKCIS451ghwaD52-H3Hrt0WgsIPhHQ

## "LIS008\_05 AQC RSL for textiles and threads" History

-  Document created by Sébastien Bagot (sebastien.bagot@aqc-asso.ch)  
2022-02-25 - 12:47:25 PM GMT- IP address: 188.61.109.156
-  Document emailed to David Astier (david.astier@aqc-asso.ch) for signature  
2022-02-25 - 12:48:06 PM GMT
-  Email viewed by David Astier (david.astier@aqc-asso.ch)  
2022-02-25 - 1:00:31 PM GMT- IP address: 78.248.54.20
-  Document e-signed by David Astier (david.astier@aqc-asso.ch)  
Signature Date: 2022-02-25 - 1:15:36 PM GMT - Time Source: server- IP address: 78.248.54.20
-  Document emailed to Sébastien Bagot (sebastien.bagot@aqc-asso.ch) for signature  
2022-02-25 - 1:15:38 PM GMT
-  Email viewed by Sébastien Bagot (sebastien.bagot@aqc-asso.ch)  
2022-02-25 - 1:31:12 PM GMT- IP address: 188.61.109.156
-  Document e-signed by Sébastien Bagot (sebastien.bagot@aqc-asso.ch)  
Signature Date: 2022-02-25 - 1:32:08 PM GMT - Time Source: server- IP address: 188.61.109.156
-  Agreement completed.  
2022-02-25 - 1:32:08 PM GMT