



# ファーストリテイリング 製品制限物質リスト (PRSL)

-Version 2026-

## 改訂履歴

バージョン	改訂内容	発効日
2013	初版	01/04/2013
2014	年度更新	01/01/2014
2015	年度更新	05/15/2015
2015	追加更新	16/11/2015
2016	年度更新	25/04/2016
2017	年度更新	26/04/2017
2018	年度更新	25/07/2018
2019	年度更新	10/05/2019
2020	年度更新	29/05/2020
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2024	年度更新	31/05/2024
2025	年度更新	30/06/2025
2025	年度更新	30/06/2026

## 前バージョンからの変更点

変更項目	基準値 変更	規制物質 追加	試験項目 変更	試験項目 追加	改定後基準
テスト方法					最新の試験規格へ更新
2. Phthalates (ortho-phthalates)	●				Oeko-tex に基づき基準 値変更
3a. Brominated Flame retardants	●				POPs, AFIRM, Oeko- tex に基づき基準値変更
3b. Phosphorus Flame retardants	●				AFIRM, Oeko-tex に 基づき基準値変更
3c. Other Flame Retardants	●				Oeko-tex に基づき基準 値変更
		●			POPs, Oeko-tex に基 づき新規追加 Dechlorane plus
4a. Azo dyes		●			Oeko-tex に基づき新規 追加: p-anisidine
			●		4a. Aniline の Test Code H への項目適用 を削除
4d. Disperse & Carcinogenic Dyes	●				AFIRM, Oeko-tex に 基づき基準値変更 試験方法にバージョンを 追加
		●			Oeko-tex に基づき新規 追加 CI Reactive brown 51

5. Organotin compounds					試験方法のバージョン更新
6a. PFAS		●			検査機関毎に試験可能な全てのPFASについて試験を実施する運用へ変更
6b. PFAS Total Fluorine					試験方法のバージョン更新
7. COC (Chlorobenzenes/Chlorotoluenes)	●				AFIRMに基づき基準値変更 ; 試験方法にバージョンを追加
8a. Halogenated solvents / VOCs	●				Oeko-texに基づき基準値変更
8b. Other Solvents	●				AFIRM, Oeko-texに基づき基準値変更 ; 試験方法のバージョン更新
			●		Oeko-texに基づき2,2'-Methylene bis(4-methyl-6-tert-butylphenol)として17. Othersへ移行 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol
		●			AFIRM, Oeko-texに基づき新規追加 Acetophenone Azine n-hexane
9. Chlorinated Phenols	●				AFIRM, Oeko-texに基づき新規追加
10. Chlorinated Paraffins (SCCP / MCCP)	●				Oeko-texに基づき基準値変更
11a. Heavy Metals	●				AFIRM, Oeko-texに基づき基準値変更 ; Reporting Limitを追記 ; 試験方法にバージョンを追加
13. PAHs	●				Oeko-texに基づき基準値変更
14. Pesticides	●				AFIRM, Oeko-texに基づき基準値変更
		●			Oeko-texに基づき新規追加: Alphamethrin Triazophos
16. Nitrosamines	●				Oeko-texに基づき基準値変更
17. Others	●				AFIRM, Oeko-texに

					基づき基準値変更
			●		17. Bisphenols に Test Code E, F への項 目適用を追加
			●		17. Glutaraldehyde を削除
			●		備考欄へ追記
		●			Oeko-tex に基づき新規 追加: 2,2'-Methylene bis(4-methyl-6-tert- butylphenol)
20. UV Calculators	●				AFIRM, Oeko-tex に 基づき基準値変更
22.SVHC (substance of very high concern)		●			リストに新規物質を追加
23. Siloxanes		●			Oeko-tex に基づき新規 追加 Octamethyltrisiloxan e Decamethyltetrasiloxane 1,1,1,3,5,5,5- Heptamethyl-3- [(trimethylsilyl)oxy]t risiloxane

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## はじめに

ファーストリテイリングは 2013 年、商品や生産プロセスにおける有害化学物質の排出をゼロにすることにコミットしました。このコミットメントを遂行するために、ファーストリテイリングは未然防止<sup>1</sup>と予防原則<sup>2</sup>に基づき、有害化学物質の排出ゼロをめざし、お客様、工場従業員、調達パートナー、および自然環境を守ります。

当社は、最終商品に含まれる可能性のある有害物質に対処することが非常に重要であると認識しています。ファーストリテイリングは、有害化学物質として識別され、商品に含まれる可能性がある物質の基準値と制限を定義する製品制限物質リスト（PRSL：Product Restricted Substances List）を作成しました。

## 方法論

ファーストリテイリング PRSL の目的は、法規制により禁止または制限された、あるいは環境、健康、または安全にリスクが認められるためにファーストリテイリングによって自主的に段階的廃絶をすすめる化学物質を明示したリストをサプライヤーに提供することです。本リストには、ファーストリテイリングの有害物質排出ゼロへのコミットメントで言及している 11 の優先化学物質群だけでなく、Oeko-Tex 100、AFIRM などの基準ならびに業界の専門家の評価を総合して特定した物質も含まれます。

本リストは、これらの化学物質の有害性クラスと想定される使用法に応じて決定される最終商品中の基準値、ならびに試験方法とその報告限界値を定義します。各基準値は、特に明記されていない限り、商品の均質部品に有効です。PRSL は少なくとも年 1 回見直されます。

ファーストリテイリング PRSL は、アパレルやフットウエアの製造に関わる下請け業者や工場、素材サプライヤーに伝達されるものとします。

## 適用範囲

- アパレル：体を守る、覆う、または飾ることを目的とした、衣類のこと。
- フットウエア：足を守る、覆う、または快適性を求めることを目的とした、耐久性のあるカバーのこと。
- アクセサリー：持ち運ぶか、着用することで、アパレルを補足することを目的に作られた製品。
- ジュエリー：指輪、ネックレス、イヤリング、ペンダント、ブレスレット、カフスポタンなどの、個人が装飾のために身に着ける小さな製品。身体もしくは衣服に付けられる。
- ホームテキスタイル：家の中で、機能的または装飾的目的のために作られた製品。
- 附属/副資材

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<sup>1</sup> 未然防止は、解決策がエンドオブパイプの対策やリスク管理ではなく、発生源での使用の廃絶に重点が置かれるべきであることを意味します。危険有害ではない化学物質への代替、または必要であれば製品の設計そのものや化学物質が機能的に必要かどうかといった再評価を通して、化学物質を使わない代替案を見つけることが求められます。

<sup>2</sup> 予防原則は、物質（または活動）と悪影響の因果関係について決定的な科学的証拠が示されるのを待たずに、予防的措置を取ることを意味します。いくつかの危険化学物質はそれを受け入れる側の環境によって無害にすることはできないため（すなわち、「環境的に許容される」/「安全な」使用または排出レベルがない）、完全な科学的根拠がなくても、潜在的に重大または不可逆的な悪影響の防止が必要であるという仮定に基づきます。

## 用語の定義

### 化学物質:

化学物質とは、自然状態で存在する、もしくは製造工程で得られる化学元素およびその化合物です。

### 有害化学物質:

有害化学物質とは、本質的に有害な特性を示すものを意味します。難分解性で高蓄積性および毒性を有する物質（PBT）、極めて難分解性、高い生体蓄積性を有する物質（vPvB）、発がん性、変異原性、または生殖毒性を有する物質（CMR）、内分泌攪乱化学物質（ED）、または他の同等の懸念を有する物質が含まれます。これらは地域で規制または制限されているものだけに限りません。

### 均質部品:

全体にわたって均一な組成、つまり機械的に分解して異なる材料にできない材料。

### 意図的使用の禁止 (*No intentional use*):

意図的使用の禁止とは、MRSL に記載された化学物質または物質のグループが、素材または商品の製造において、特定の機能または効果を達成するために使用されてはならないことを示します。化学製剤中には製造中に生じる不純物が存在するため、制限物質の残留が微量であれば許容されます。基準値を超える制限物質を含む化学製剤は、ファーストリテイリング MRSL に準拠していないことになります。

### CAS (*Chemical Abstracts Service*) Number:

化学物質の識別番号。ファーストリテイリング MRSL 上の化学物質は通常 CAS Number とともに記載されますが、個別の識別番号をすべてリストすることが実用的ではない物質群については、CAS Number を表示しない場合もあります。

### 報告限界値:

正確かつ堅牢なデータを報告できる最も低い値を表します。

### *n.d. (Not detected)*:

報告限界値を下回った場合、そのパラメータは n.d.（不検出）と見なされます。逆に、報告限界値を超える場合、パラメータは検出されたとみなされます。

### 附属/副資材:

包装資材を除く、全ての製品取付け資材類（縫製糸、ボタン、芯地、裏地、ファスナー、ネーム、ケアラベル等）。

## 一般要求事項

これらの物質は、この Requirements（要求事項）を超える濃度で最終商品のコンポーネントまたは材料に存在してはなりません。Requirements はファーストリテイリンググループとして満たす必要のある最低要件を示します。推奨する試験方法とその報告限界値を記載していますが、試験による検証については、ファーストリテイリンググループの各ブランドが提供する試験プログラムに従うことが求められます。

AFIRM RSL の欄に‘Yes’がマークされている物質は、AFIRM RSL に含まれる物質です。各制限物質に関する詳細情報とガイダンスは、[AFIRM 化学物質情報シート](#)から入手できます。どのような化学品に含まれるか、どのような工程で使用されるか、なぜ制限されているのか、より安全な代替物質は何か、といった情報が含まれます。RSL の遵守、RSL 不合格への対処法、その他のオンライン教育リソースに関する情報は、[AFIRM Group Chemistry Toolkit](#) から入手できます。

Parameter	CAS Number	FR PRSL 2026			AFIRM RSL 2026 v11
		Requirements Component / Materials in Finished Product	Reporting Limits	Test Methods	
<b>1. AP / APEO</b>					
Octylphenol (OP)	Various including 27193-28-8 140-66-9 1806-26-4 85771-77-3	Textile: Sum of AP: 10 mg/kg, Sum of AP & APEO: 100 mg/kg Leather: Sum of AP (except BP): 20 mg/kg, Sum of AP & APEO(except BP): 100 mg/kg	NP, OP, PP, HP, BP, : 3 mg/kg	AP Textile / Leather: EN ISO 21084:2019 Polymers and all other materials: 1 g sample/20 mL THF, sonication for 60 minutes at 70 degrees C, analysis according to EN ISO 21084:2019 Down (China market only): GB/T 23322-2018 for compliance with GB/T 14272-2021	yes
Nonylphenol (NP)	Various including 25154-52-3 104-40-5 84852-15-3 11066-49-2	Textile: Sum of AP: 10 mg/kg, Sum of AP & APEO: 100 mg/kg Leather: Sum of AP (except BP): 20 mg/kg, Sum of AP & APEO(except BP): 100 mg/kg	NP, OP, PP, HP, BP, : 3 mg/kg		yes
Pentylphenol (PP)	Various	Baby: Textile: Sum of AP: 10 mg/kg, Sum of AP & APEO: 100 mg/kg Leather: Sum of AP (except BP): 20 mg/kg, Sum of AP & APEO(except BP): 100 mg/kg	NP, OP, PP, HP, BP, : 3 mg/kg		
Heptylphenol (HP)	Various	Baby: Textile: Sum of AP: 10 mg/kg, Sum of AP & APEO: 100 mg/kg Leather: Sum of AP (except BP): 20 mg/kg, Sum of AP & APEO(except BP): 100 mg/kg	NP, OP, PP, HP, BP, : 3 mg/kg		

4-tert-butylphenol (BP)	98-54-4	Baby: Textile: Sum of AP: 10 mg/kg, Sum of AP & APEO: 100 mg/kg Leather: BP: 1000 mg/kg	NP, OP, PP, HP, BP, : 3 mg/kg		
Octylphenoethoxylates, n=1 to n= 16	Various, including 68987-90-6 9036-19-5 9002-93-1	Textile: Sum of AP & APEO: 100 mg/kg Leather: Sum of AP & APEO(except BP): 100 mg/kg	NPEO, OPEO: 1 mg/kg	All materials except Leather: EN ISO 18254-1:2016 with determination of APEO using LC/MS or LC/MS/MS Leather: Sample prep and analysis using EN ISO 18218-1:2023 with quantification according to EN ISO 18254-1:2016 Down (China market only): GB/T 23322-2018 for compliance with GB/T 14272-2021	yes
Nonylphenoethoxylates, n=1 to n=16	Various including 9016-45-9 26027-38-3 37205-87-1 68412-54-4 127087-87-0	Textile: Sum of AP & APEO: 100 mg/kg Leather: Sum of AP & APEO(except BP): 100 mg/kg	NPEO, OPEO: 1 mg/kg		yes
<b>2. Phthalates (ortho-phthalates)</b>					
Butyl benzyl Phthalate (BBP)	85-68-7	<b>baby:500 mg/kg(sum)</b> <b>non-baby:500 mg/kg (each)</b> 1000 mg/kg (sum)	50 mg/kg	CPSC-CH-C1001-09.4 With GC-MS analysis	yes
Di-n-butyl Phthalate (DBP)	84-74-2	<b>baby:500 mg/kg(sum)</b> <b>non-baby:500 mg/kg (each)</b> 1000 mg/kg (sum)	50 mg/kg	CPSC-CH-C1001-09.4 With GC-MS analysis	yes
Bis(2-ethylhexyl) Phthalate (DEHP)	117-81-7	<b>baby:500 mg/kg(sum)</b> <b>non-baby:500 mg/kg (each)</b> 1000 mg/kg (sum)	50 mg/kg	CPSC-CH-C1001-09.4 With GC-MS analysis	yes
Di-n-octyl Phthalate (DnOP)	117-84-0	<b>baby:500 mg/kg(sum)</b> <b>non-baby:500 mg/kg (each)</b> 1000 mg/kg (sum)	50 mg/kg	CPSC-CH-C1001-09.4 With GC-MS analysis	yes
Di-iso-nonyl Phthalate (DINP)	28553-12-0	<b>baby:500 mg/kg(sum)</b> <b>non-baby:500 mg/kg (each)</b> 1000 mg/kg (sum)	50 mg/kg	CPSC-CH-C1001-09.4 With GC-MS analysis	yes
Di-iso-decyl Phthalate (DIDP)	26761-40-0	<b>baby:500 mg/kg(sum)</b> <b>non-baby:500 mg/kg (each)</b> 1000 mg/kg (sum)	50 mg/kg	CPSC-CH-C1001-09.4 With GC-MS analysis	yes
Dimethyl phthalate (DMP)	131-11-3	<b>baby:500 mg/kg(sum)</b> <b>non-baby:500 mg/kg (each)</b> 1000 mg/kg (sum)	50 mg/kg	CPSC-CH-C1001-09.4 With GC-MS analysis	yes
Diethyl Phthalate (DEP)	84-66-2	<b>baby:500 mg/kg(sum)</b> <b>non-baby:500 mg/kg (each)</b> 1000 mg/kg (sum)	50 mg/kg	CPSC-CH-C1001-09.4 With GC-MS analysis	yes
Di-n-propyl Phthalate (DPrP)	131-16-8	<b>baby:500 mg/kg(sum)</b> <b>non-baby:500 mg/kg (each)</b> 1000 mg/kg (sum)	50 mg/kg	CPSC-CH-C1001-09.4 With GC-MS analysis	yes

Di-iso-butyl Phthalate (DIBP)	84-69-5	baby:500 mg/kg(sum) non-baby:500 mg/kg (each) 1000 mg/kg (sum)	50 mg/kg	CPSC-CH-C1001-09.4 With GC-MS analysis	yes
Di-cyclohexyl Phthalate (DCHP)	84-61-7	baby:500 mg/kg(sum) non-baby:500 mg/kg (each) 1000 mg/kg (sum)	50 mg/kg	CPSC-CH-C1001-09.4 With GC-MS analysis	yes
Di-n-hexyl phthalate (DnHP / DHEXP)	84-75-3	baby:500 mg/kg(sum) non-baby:500 mg/kg (each) 1000 mg/kg (sum)	50 mg/kg	CPSC-CH-C1001-09.4 With GC-MS analysis	yes
Di-n-nonyl Phthalate (DNP)	84-76-4	Baby: 500 mg/kg ( <del>each</del> ) <del>1000 mg/kg (sum)</del>	50 mg/kg	CPSC-CH-C1001-09.4 With GC-MS analysis	
Di-iso-octyl Phthalate (DIOP)	27554-26-3	baby:500 mg/kg(sum) non-baby:500 mg/kg (each) 1000 mg/kg (sum)	50 mg/kg	CPSC-CH-C1001-09.4 With GC-MS analysis	yes
Bis(methylglycol) phthalate (DMEP)	117-82-8	baby:500 mg/kg(sum) non-baby:500 mg/kg (each) 1000 mg/kg (sum)	50 mg/kg	CPSC-CH-C1001-09.4 With GC-MS analysis	yes
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4	baby:500 mg/kg(sum) non-baby:500 mg/kg (each) 1000 mg/kg (sum)	50 mg/kg	CPSC-CH-C1001-09.4 With GC-MS analysis	yes
Di-iso-heptyl Phthalate (1,2-benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich) (DIHpP)	71888-89-6	baby:500 mg/kg(sum) non-baby:500 mg/kg (each) 1000 mg/kg (sum)	50 mg/kg	CPSC-CH-C1001-09.4 With GC-MS analysis	yes
Di-n-pentylphthalate (DnPP/DPENP)	131-18-0	baby:500 mg/kg(sum) non-baby:500 mg/kg (each) 1000 mg/kg (sum)	50 mg/kg	CPSC-CH-C1001-09.4 With GC-MS analysis	yes
Diisopentylphthalate (DiPP)	605-50-5	baby:500 mg/kg(sum) non-baby:500 mg/kg (each) 1000 mg/kg (sum)	50 mg/kg	CPSC-CH-C1001-09.4 With GC-MS analysis	yes
N-pentyl-isopentyl phthalate (nPiPP)	776297-69-9	baby:500 mg/kg(sum) non-baby:500 mg/kg (each) 1000 mg/kg (sum)	50 mg/kg	CPSC-CH-C1001-09.4 With GC-MS analysis	yes
1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear standard	84777-06-0	baby:500 mg/kg(sum) non-baby:500 mg/kg (each) 1000 mg/kg (sum)	50 mg/kg	CPSC-CH-C1001-09.4 With GC-MS analysis	yes
Di-hexyl Phthalate, branched and linear (DHxP)	68515-50-4	baby:500 mg/kg(sum) non-baby:500 mg/kg (each) 1000 mg/kg (sum)	50 mg/kg	CPSC-CH-C1001-09.4 With GC-MS analysis	yes
Di-iso-hexyl Phthalate (DIHxP)	71850-09-4	baby:500 mg/kg(sum) non-baby:500 mg/kg (each) 1000 mg/kg (sum)	50 mg/kg	CPSC-CH-C1001-09.4 With GC-MS analysis	yes
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl	68515-51-5 / 68648-93-1	baby:500 mg/kg(sum) non-baby:500 mg/kg (each) 1000 mg/kg (sum)	50 mg/kg	CPSC-CH-C1001-09.4 With GC-MS analysis	yes

and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate					
Bis(2-ethylhexyl) tetrabromophthalate	26040-51-7	500 mg/kg (each) 1000 mg/kg (sum)	50 mg/kg	CPSC-CH-C1001-09.4 With GC-MS analysis	yes
Bis(2-propylheptyl) phthalate (DPHP)	53306-54-0	Information only	50 mg/kg	CPSC-CH-C1001-09.4 With GC-MS analysis	yes
All other phthalates / all esters of ortho-phthalic acid	Various	--	--	--	
<b>3a. Brominated Flame retardants</b>					
Polybrominated biphenyls (PBBs)	59536-65-1 various	baby:10 mg/kg each;50 mg/kg sum non-baby: 10mg/kg each <del>n.d.</del>	5 mg/kg	Solvent Extraction With GC-MS, GC-ECD, LC-MS or ICP-OES Analysis	yes
Monobromo biphenyls (MonoBB)	26264-10-8, 2052-07-5, 2113-57-7, 92-66-0 various	baby:10 mg/kg each;50 mg/kg sum non-baby: 10mg/kg each <del>n.d.</del>	5 mg/kg	Solvent Extraction With GC-MS, GC-ECD, LC-MS or ICP-OES Analysis	yes
Dibromo biphenyls (DiBB)	13029-09-9, 92-86-4, 59080-32-9, various	baby:10 mg/kg each;50 mg/kg sum non-baby: 10mg/kg each <del>n.d.</del>	5 mg/kg	Solvent Extraction With GC-MS, GC-ECD, LC-MS or ICP-OES Analysis	yes
Tribromo biphenyls (TriBB)	51202-79-0, various	baby:10 mg/kg each;50 mg/kg sum non-baby: 10mg/kg each <del>n.d.</del>	5 mg/kg	Solvent Extraction With GC-MS, GC-ECD, LC-MS or ICP-OES Analysis	yes
Tetrabromo biphenyls (TetraBB)	60044-24-8, 60044-25-9, various	baby:10 mg/kg each;50 mg/kg sum non-baby: 10mg/kg each <del>n.d.</del>	5 mg/kg	Solvent Extraction With GC-MS, GC-ECD, LC-MS or ICP-OES Analysis	yes
Pentabromo biphenyls (PentaBB)	67888-96-4, 59080-39-6, various	baby:10 mg/kg each;50 mg/kg sum non-baby: 10mg/kg each <del>n.d.</del>	5 mg/kg	Solvent Extraction With GC-MS, GC-ECD, LC-MS or ICP-OES Analysis	yes
Hexabromo biphenyls (HexaBB)	59080-40-9, 36355-01-8, various	baby:10 mg/kg each;50 mg/kg sum non-baby: 10mg/kg each <del>n.d.</del>	5 mg/kg	Solvent Extraction With GC-MS, GC-ECD, LC-MS or ICP-OES Analysis	yes
Heptabromo biphenyls (HeptaBB)	-	baby:10 mg/kg each;50 mg/kg sum non-baby: 10mg/kg each <del>n.d.</del>	5 mg/kg	Solvent Extraction With GC-MS, GC-ECD, LC-MS or ICP-OES Analysis	yes
Octabromo biphenyls (OctaBB)	27858-07-7, 61288-13-9, various	baby:10 mg/kg each;50 mg/kg sum non-baby: 10mg/kg each <del>n.d.</del>	5 mg/kg	Solvent Extraction With GC-MS, GC-ECD, LC-MS or ICP-OES Analysis	yes
Nonabromo biphenyls (NonaBB)	27753-52-2, 69278-62-2 119264-62-9, 119264-63-0, various	baby:10 mg/kg each;50 mg/kg sum non-baby: 10mg/kg each <del>n.d.</del>	5 mg/kg	Solvent Extraction With GC-MS, GC-ECD, LC-MS or ICP-OES Analysis	yes
Decabromo biphenyls (DecaBB)	13654-09-6	baby:10 mg/kg each;50 mg/kg sum non-baby: 10mg/kg each <del>n.d.</del>	5 mg/kg	Solvent Extraction With GC-MS, GC-ECD, LC-MS or ICP-OES Analysis	yes

Tris(2,3-Dibromopropyl)-Phosphate (TRIS)	126-72-7	baby:10 mg/kg each;50 mg/kg sum non-baby: 10mg/kg each <del>n.d.</del>	5 mg/kg	Solvent Extraction With GC-MS, GC-ECD, LC-MS or ICP-OES Analysis	yes
Polybrominated diphenyl ethers (PBDEs)	various	baby:10 mg/kg each;50 mg/kg sum non-baby: 10mg/kg each <del>n.d.</del>	5 mg/kg	Solvent Extraction With GC-MS, GC-ECD, LC-MS or ICP-OES Analysis	yes
Monobromo diphenyl ethers (MonoBDE)	various	baby:10 mg/kg each;50 mg/kg sum non-baby: 10mg/kg each <del>n.d.</del>	5 mg/kg	Solvent Extraction With GC-MS, GC-ECD, LC-MS or ICP-OES Analysis	yes
Dibromo diphenyl ethers (DiBDE)	various	baby:10 mg/kg each;50 mg/kg sum non-baby: 10mg/kg each <del>n.d.</del>	5 mg/kg	Solvent Extraction With GC-MS, GC-ECD, LC-MS or ICP-OES Analysis	yes
Tribromo diphenyl ethers (TriBDE)	various	baby:10 mg/kg each;50 mg/kg sum non-baby: 10mg/kg each <del>n.d.</del>	5 mg/kg	Solvent Extraction With GC-MS, GC-ECD, LC-MS or ICP-OES Analysis	yes
Tetrabromo diphenyl ethers (TetraBDE)	40088-47-9	sum of 5 PBDEs:10 mg/kg <del>n.d.</del>	5 mg/kg	Solvent Extraction With GC-MS, GC-ECD, LC-MS or ICP-OES Analysis	yes
Pentabromo diphenyl ethers (PentaBDE)	32534-81-9	sum of 5 PBDEs:10 mg/kg <del>n.d.</del>	5 mg/kg	Solvent Extraction With GC-MS, GC-ECD, LC-MS or ICP-OES Analysis	yes
Hexabromo diphenyl ethers (HexaBDE)	36483-60-0	sum of 5 PBDEs:10 mg/kg <del>n.d.</del>	5 mg/kg	Solvent Extraction With GC-MS, GC-ECD, LC-MS or ICP-OES Analysis	yes
Heptabromo diphenyl ethers (HeptaBDE)	68928-80-3	sum of 5 PBDEs:10 mg/kg <del>n.d.</del>	5 mg/kg	Solvent Extraction With GC-MS, GC-ECD, LC-MS or ICP-OES Analysis	yes
Octabromo diphenyl ethers (OctaBDE)	32536-52-0	baby:10 mg/kg each;50 mg/kg sum non-baby: 10mg/kg each <del>n.d.</del>	5 mg/kg	Solvent Extraction With GC-MS, GC-ECD, LC-MS or ICP-OES Analysis	yes
Nonabromo diphenyl ethers (NonaBDE)	63936-56-1	baby:10 mg/kg each;50 mg/kg sum non-baby: 10mg/kg each <del>n.d.</del>	5 mg/kg	Solvent Extraction With GC-MS, GC-ECD, LC-MS or ICP-OES Analysis	yes
Decabromo diphenyl ethers (DecaBDE)	1163-19-5	sum of 5 PBDEs:10 mg/kg <del>n.d.</del>	5 mg/kg	Solvent Extraction With GC-MS, GC-ECD, LC-MS or ICP-OES Analysis	yes
Tetrabromo-bisphenol A (TBBPA)	79-94-7	baby:10 mg/kg each;50 mg/kg sum non-baby: 10mg/kg each <del>n.d.</del>	5 mg/kg	Solvent Extraction With GC-MS, GC-ECD, LC-MS or ICP-OES Analysis	yes
Bis(2,3-dibromopropyl)phosphate (BIS / BDBPP)	5412-25-9	baby:10 mg/kg each;50 mg/kg sum non-baby: 10mg/kg each <del>n.d.</del>	5 mg/kg	Solvent Extraction With GC-MS, GC-ECD, LC-MS or ICP-OES Analysis	yes

Hexabromocyclododecane (HBCDD)	134237-50-6, 134237-51-7, 134237-52-8, 25637-99-4, 3194- 55-6	baby:10 mg/kg each;50 mg/kg sum non-baby: 10mg/kg each <del>n.d.</del>	5 mg/kg	Solvent Extraction With GC-MS, GC-ECD, LC-MS or ICP-OES Analysis	yes
2,2-bis(bromomethyl)-1,3-propanediol (BBMP)	3296-90-0	baby:10 mg/kg each;50 mg/kg sum non-baby: 10mg/kg each <del>n.d.</del>	5 mg/kg	Solvent Extraction With GC-MS, GC-ECD, LC-MS or ICP-OES Analysis	yes
1,1'- [ethane-1,2-diylbisoxo]bis[2,4,6- tribromobenzene]	37853-59-1	Baby:10 mg/kg each;50 mg/kg sum <del>n.d.</del>	5 mg/kg	Solvent Extraction With GC-MS, GC-ECD, LC-MS or ICP-OES Analysis	
Decabromodiphenyl ethane (DBDPE)	84852-53-9	10 mg/kg	10 <del>5</del> mg/kg	Solvent Extraction With GC-MS, GC-ECD, LC-MS or ICP-OES Analysis	yes
Bis(2-ethylhexyl) tetrabromophtalate,any of the individual isomers and/or combinations thereof (TBPB)	26040-51-7	Baby:10 mg/kg each;50 mg/kg sum <del>n.d.</del>	5 mg/kg	Solvent Extraction With GC-MS, GC-ECD, LC-MS or ICP-OES Analysis	
2-ethylhexyl-2,3,4,5-tetrabromobenzoate (TBB)	183658-27-7				
Tetrabromobisphenol A bis(dibromopropyl ether)	21850-44-2			--	
<b>3b. -Phosphorus Flame retardants</b>					
Tris (2-Chloroethyl) Phosphate (TCEP)	115-96-8	baby:10 mg/kg each;50 mg/kg sum non-baby: 10mg/kg each <del>n.d.</del>	5 mg/kg	Solvent Extraction With GC-MS, GC-ECD, LC-MS or ICP-OES Analysis	yes
Tris(1,3-dichloro-2-propyl) phosphate (TDCPP)	13674-87-8	baby:10 mg/kg each;50 mg/kg sum non-baby: 10mg/kg each <del>n.d.</del>	5 mg/kg	Solvent Extraction With GC-MS, GC-ECD, LC-MS or ICP-OES Analysis	yes
Tris(1-aziridinyl)phosphine oxide (TEPA)	545-55-1	baby:10 mg/kg each;50 mg/kg sum non-baby: 10mg/kg each <del>n.d.</del>	5 mg/kg	Solvent Extraction With GC-MS, GC-ECD, LC-MS or ICP-OES Analysis	yes
Tris(1-chloro-2-propyl) phosphate (TCPP)	13674-84-5	baby:10 mg/kg each;50mg/kg sum	10mg/kg	Solvent Extraction With GC-MS, GC-ECD, LC-MS or ICP-OES Analysis	
Trixylyl phosphate (TXP)	25155-23-1	baby:10 mg/kg each;50 mg/kg sum non-baby: 10mg/kg each <del>n.d.</del>	5 mg/kg	Solvent Extraction With GC-MS, GC-ECD, LC-MS or ICP-OES Analysis	yes
Triphenyl phosphate (TPP)	115-86-6	500 mg/kg	50 mg/kg	Solvent Extraction With GC-MS, GC-ECD, LC-MS or ICP-OES Analysis	yes
Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10] octadeca-7,15-diene ("Dechlorane Plus" <sup>TM</sup> )	-				
Bis(chloromethyl) propane-1-3-diyl tetrakis-(2- chloroethyl) bisphosphate)(V6)	38051-10-4				
Trimethyl phosphate	512-56-1				

Tri-o-cresyl phosphate (TOCP)	78-30-8	baby:10mg/kg each;50 mg/kg sum	10mg/kg	Solvent Extraction With GC-MS, GC-ECD, LC-MS or ICP-OES Analysis	
<b>3c. Other Flame retardants</b>					
Diboron trioxide	1303-86-2	Baby: 10 mg/kg each;50mg/kg sum <del>n.d.</del>	10 <del>5</del> mg/kg	Acid digestion With ICP-MS analysis	
Boric acid	10043-35-3, 11113-50-1	Baby: 10 mg/kg each;50mg/kg sum <del>n.d.</del>	10 <del>5</del> mg/kg	Acid digestion With ICP-MS analysis	
Disodium Tetraborate, anhydrous	1303-96-4, 1330-43-4, 12179-04-3, 215-540-4 (EINECS No., not CAS No.)	Baby: 10 mg/kg each;50mg/kg sum <del>n.d.</del>	10 <del>5</del> mg/kg	Acid digestion With ICP-MS analysis	
Tetraboron disodium heptaoxide, hydrate	12267-73-1	Baby: 10 mg/kg each;50mg/kg sum <del>n.d.</del>	10 <del>5</del> mg/kg	Acid digestion With ICP-MS analysis	
Disodium octaborate	12008-41-2	Baby: 10 mg/kg each;50mg/kg sum <del>n.d.</del>	10 <del>5</del> mg/kg	Acid digestion With ICP-MS analysis	
Zinc borate salts	1332-07-6	Baby: 10 mg/kg each;50mg/kg sum <del>n.d.</del>	10 <del>5</del> mg/kg	Acid digestion With ICP-MS analysis	
Barium diboron tetraoxide	13701-59-2	Baby: 10 mg/kg each;50mg/kg sum	10 mg/kg	Acid digestion With ICP- OES analysis	
Dechlorane Plus	13560-89-9, 135821-03-3 135821-74-8	1000 mg/kg	10 mg/kg	in house method,analysis with GCMS	
<b>4a. Azo dyes</b>					
4-Aminobiphenyl	92-67-1	20 mg/kg	--	--	
Benzidine	92-87-5	20 mg/kg	--	--	
4-Chloro-o-toluidine	95-69-2	20 mg/kg	--	--	
2-Naphtylamine	91-59-8	20 mg/kg	--	--	
o-Aminoazotoluene	97-56-3	20 mg/kg	--	--	
5-Nitro-o-toluidine	99-55-8	20 mg/kg	--	--	
4-Chloroaniline	106-47-8	20 mg/kg	--	--	
2,4-Diaminoanisole	615-05-4	20 mg/kg	--	--	
4,4'-Diaminodiphenylmethane	101-77-9	20 mg/kg	--	--	
3,3'-Dichlorobenzidine	91-94-1	20 mg/kg	--	--	
3,3'-Dimethoxybenzidine	119-90-4	20 mg/kg	--	--	
3,3'-Dimethylbenzidine	119-93-7	20 mg/kg	--	--	
3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0	20 mg/kg	--	--	
p-Cresidine	120-71-8	20 mg/kg	--	--	
4,4'-Methylene-bis-(2-chloroaniline)	101-14-4	20 mg/kg	--	--	
4,4'-Oxydianiline	101-80-4	20 mg/kg	--	--	
4,4'-Thiodianiline	139-65-1	20 mg/kg	--	--	
o-Toluidine	95-53-4	20 mg/kg	--	--	
2,4-Toluenediamine	95-80-7	20 mg/kg	--	--	
2,4,5-Trimethylaniline	137-17-7	20 mg/kg	--	--	

o-Anisidine	90-04-0	20 mg/kg	--	--	
Aminoazobenzene	60-09-3	20 mg/kg	--	--	
2,4-Xylidine	95-68-1	20 mg/kg	--	--	
2,6-Xylidine	87-62-7	20 mg/kg	--	--	
Aniline	62-53-3	baby-leather: 100 mg/kg	30 mg/kg	ISO 17234-1: 2024 without reducing agent'	
4-chloro-o-toluidinium chloride	3165-93-3	--	--	--	
2-Naphthylammoniumacetate	553-00-4	--	--	--	
4-methoxy-m-phenylene diammonium sulphate; 2,4-diaminoanisole sulphate	39156-41-7	--	--	--	
2,4,5-trimethylaniline hydrochloride	21436-97-5	--	--	--	
2-amino-5-nitrothiazole	121-66-4	--	--	--	
2-methyl-p-phenylenediamine/2,5-Diaminotoluene	95-70-5	--	--	--	
3,3'-diaminobenzidine	91-95-2	--	--	--	
p-phenetidine	156-43-4	--	--	--	
p-anisidine	104-94-9	--	--	--	
N-methylaniline	100-61-8				
<b>4b. Azo dyes (Free amines)</b>					
4-Aminobiphenyl	92-67-1	--	--	--	
Benzidine	92-87-5	--	--	--	
4-Chloro-o-toluidine	95-69-2	--	--	--	
2-Naphtylamine	91-59-8	--	--	--	
o-Aminoazotoluene	97-56-3	--	--	--	
5-Nitro-o-toluidine	99-55-8	--	--	--	
4-Chloroaniline	106-47-8	--	--	--	
2,4-Diaminoanisole	615-05-4	--	--	--	
4,4'-Diaminodiphenylmethane	101-77-9	--	--	--	
3,3'-Dichlorobenzidine	91-94-1	--	--	--	
3,3'-Dimethoxybenzidine	119-90-4	--	--	--	
3,3'-Dimethylbenzidine	119-93-7	--	--	--	
3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0	--	--	--	
p-Cresidine	120-71-8	--	--	--	
4,4'-Methylene-bis-(2-chloroaniline)	101-14-4	--	--	--	
4,4'-Oxydianiline	101-80-4	--	--	--	
4,4'-Thiodianiline	139-65-1	--	--	--	
o-Toluidine	95-53-4	--	--	--	
2,4-Toluenediamine	95-80-7	--	--	--	
2,4,5-Trimethylaniline	137-17-7	--	--	--	
o-Anisidine	90-04-0	--	--	--	
Aminoazobenzene	60-09-3	--	--	--	
2,4-Xylidine	95-68-1	--	--	--	
2,6-Xylidine	87-62-7	--	--	--	

Aniline	62-53-3	baby-leather: 100 mg/kg	30 mg/kg	ISO 17234-1: 2024 without reducing agent'-	
4-chloro-o-toluidinium chloride	3165-93-3	--	--	--	
2-Naphthylammoniumacetate	553-00-4	--	--	--	
4-methoxy-m-phenylene diammonium sulphate; 2,4-diaminoanisole sulphate	39156-41-7	--	--	--	
2,4,5-trimethylaniline hydrochloride	21436-97-5	--	--	--	
2-amino-5-nitrothiazole	121-66-4	--	--	--	
2-methyl-p-phenylendiamine	615-50-9	--	--	--	
3,3'-diaminobenzidine	91-95-2	--	--	--	
p-phenetidine	156-43-4	--	--	--	
p-anisidine	20265-97-8	--	--	--	
<b>4c. Navy Blue</b>					
Navy Blue	1. CAS # 118685-33-9; 2. Not Allocated	30 mg/kg	5 mg/kg	With Reference to DIN 54231 With LC-DAD-MSD analysis	yes
<b>4d. Disperse &amp; Carcinogenic Dyes</b>					
Acid Red 26	3761-53-3	30 mg/kg	15 mg/kg	DIN 54231 :2022 With HPLC-DAD-MSD analysis	yes
Acid Red 114	6459-94-5	Baby: 50 mg/kg	15 mg/kg	DIN 54231 :2022 With HPLC-DAD-MSD analysis	
Acid Violet 49	1694-09-3	30 mg/kg	15 mg/kg	DIN 54231 :2022 With HPLC-DAD-MSD analysis	yes
Basic Blue 26	2580-56-5	30 mg/kg	15 mg/kg	DIN 54231 :2022 With HPLC-DAD-MSD analysis	yes
Basic Green 4 (malachite green chloride)	569-64-2	30 mg/kg	15 mg/kg	DIN 54231 :2022 With HPLC-DAD-MSD analysis	yes
Basic Green 4 (malachite green oxalate)	2437-29-8	30 mg/kg	15 mg/kg	DIN 54231 :2022 With HPLC-DAD-MSD analysis	yes
Basic Green 4 (malachite green)	10309-95-2	30 mg/kg	15 mg/kg	DIN 54231 :2022 With HPLC-DAD-MSD analysis	yes
Basic Green 4 leuco base (Leucomalachite green, N,N,N',N'-tetramethyl-4,4'-benzylidenedianiline)	129-73-7	--	--	--	
Basic Red 9	569-61-9	30 mg/kg	15 mg/kg	DIN 54231 :2022 With HPLC-DAD-MSD analysis	yes
Basic Violet 1	8004-87-3	--	--	--	
Basic Violet 3	548-62-9	30 mg/kg	15 mg/kg	DIN 54231 :2022 With HPLC-DAD-MSD analysis	yes
Basic Violet 14	632-99-5	30 mg/kg	15 mg/kg	DIN 54231 :2022 With HPLC-DAD-MSD analysis	yes
Basic Yellow 2/ Solvent yellow 34 (hydrochloride and free base)	2465-27-2 492-80-8	Baby: 50 mg/kg	15 mg/kg	DIN 54231 :2022 With HPLC-DAD-MSD analysis	
D&C Red No. 19	81-88-9	--	--	--	

Direct Black 38	1937-37-7	30 mg/kg	15 mg/kg	DIN 54231:2022 With HPLC-DAD-MSD analysis	yes
Direct Blue 6	2602-46-2	30 mg/kg	15 mg/kg	DIN 54231:2022 With HPLC-DAD-MSD analysis	yes
Direct Blue 15	2429-74-5	Baby: 50 mg/kg	15 mg/kg	DIN 54231:2022 With HPLC-DAD-MSD analysis	
Direct Blue 218	28407-37-6	--	--	--	
Direct Brown 95	16071-86-6	30 mg/kg	15 mg/kg	DIN 54231:2022 With HPLC-DAD-MSD analysis	yes
Direct Red 28	573-58-0	30 mg/kg	15 mg/kg	DIN 54231:2022 With HPLC-DAD-MSD analysis	yes
Disperse Blue 1	2475-45-8	30 mg/kg	15 mg/kg	DIN 54231:2022 With HPLC-DAD-MSD analysis	yes
Disperse Blue 3	2475-46-9	30 mg/kg	15 mg/kg	DIN 54231:2022 With HPLC-DAD-MSD analysis	yes
Disperse Blue 7	3179-90-6	30 mg/kg	15 mg/kg	DIN 54231:2022 With HPLC-DAD-MSD analysis	yes
Disperse Blue 26	3860-63-7	30 mg/kg	15 mg/kg	DIN 54231:2022 With HPLC-DAD-MSD analysis	yes
Disperse Blue 35	12222-75-2, 56524-77-7, 56524-76-6	30 mg/kg	15 mg/kg	DIN 54231:2022 With HPLC-DAD-MSD analysis	yes
Disperse Blue 102	12222-97-8	30 mg/kg	15 mg/kg	DIN 54231:2022 With HPLC-DAD-MSD analysis	yes
Disperse Blue 106	12223-01-7	30 mg/kg	15 mg/kg	DIN 54231:2022 With HPLC-DAD-MSD analysis	yes
Disperse Blue 124	61951-51-7	30 mg/kg	15 mg/kg	DIN 54231:2022 With HPLC-DAD-MSD analysis	yes
Disperse Brown 1	23355-64-8	30 mg/kg	15 mg/kg	DIN 54231:2022 With HPLC-DAD-MSD analysis	yes
Disperse Orange 1	2581-69-3	30 mg/kg	15 mg/kg	DIN 54231:2022 With HPLC-DAD-MSD analysis	yes
Disperse Orange 3	730-40-5	30 mg/kg	15 mg/kg	DIN 54231:2022 With HPLC-DAD-MSD analysis	yes
Disperse Orange 11	82-28-0	30 mg/kg	15 mg/kg	DIN 54231:2022 With HPLC-DAD-MSD analysis	yes
Disperse Orange 37/59/76	13301-61-6, 12223-33-5, 51811-42-8	30 mg/kg	15 mg/kg	DIN 54231:2022 With HPLC-DAD-MSD analysis	yes
Disperse Orange 149	85136-74-9	30 mg/kg	15 mg/kg	DIN 54231:2022 With HPLC-DAD-MSD analysis	yes
Disperse Red 1	2872-52-8	30 mg/kg	15 mg/kg	DIN 54231:2022 With HPLC-DAD-MSD analysis	yes
Disperse Red 11	2872-48-2	30 mg/kg	15 mg/kg	DIN 54231:2022 With HPLC-DAD-MSD analysis	yes

Disperse Red 17	3179-89-3	30 mg/kg	15 mg/kg	DIN 54231:2022 With HPLC-DAD-MSD analysis	yes
Disperse Red 60	17418-58-5	--	--		
Disperse Red 151	61968-47-6	30 mg/kg	15 mg/kg	DIN 54231:2022 With HPLC-DAD-MSD analysis	yes
Disperse Yellow 1	119-15-3	30 mg/kg	15 mg/kg	DIN 54231:2022 With HPLC-DAD-MSD analysis	yes
Disperse Yellow 3	2832-40-8	30 mg/kg	15 mg/kg	DIN 54231:2022 With HPLC-DAD-MSD analysis	yes
Disperse Yellow 7	6300-37-4	30 mg/kg	15 mg/kg	DIN 54231:2022 With HPLC-DAD-MSD analysis	yes
Disperse Yellow 9	6373-73-5	30 mg/kg	15 mg/kg	DIN 54231:2022 With HPLC-DAD-MSD analysis	yes
Disperse Yellow 23	6250-23-3	30 mg/kg	15 mg/kg	DIN 54231:2022 With HPLC-DAD-MSD analysis	yes
Disperse Yellow 39	12236-29-2	30 mg/kg	15 mg/kg	DIN 54231:2022 With HPLC-DAD-MSD analysis	yes
Disperse Yellow 49	54824-37-2,6858-49-7	30 mg/kg	15 mg/kg	DIN 54231:2022 With HPLC-DAD-MSD analysis	yes
Disperse Yellow 56	54077-16-6	30 mg/kg	15 mg/kg	DIN 54231:2022 With HPLC-DAD-MSD analysis	yes
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	30 mg/kg	15 mg/kg	DIN 54231:2022 With HPLC-DAD-MSD analysis	yes
Michler's ketone [4,4'-Bis(dimethylamino)benzophenone]	90-94-8	Baby:1000 mg/kg	15 mg/kg	DIN 54231:2022 With HPLC-DAD-MSD analysis	
Michler's base (N,N,N',N'-Tetramethyl-4,4'-methylenedianiline)	101-61-1	Baby:1000 mg/kg	15 mg/kg	DIN 54231:2022 With HPLC-DAD-MSD analysis	
Orange lead (lead tetroxide)	1314-41-6				
Lead Chromate	7758-97-6				
Pigment Red 104 (Lead chromate molybdate sulphate red)	12656-85-8	Baby: 50 mg/kg	15 mg/kg	DIN 54231:2022 With HPLC-DAD-MSD analysis	
Pigment Yellow 34 (Lead sulfochromate yellow)	1344-37-2	Baby: 50 mg/kg	15 mg/kg	DIN 54231:2022 With HPLC-DAD-MSD analysis	
Pyrochlore, antimony lead yellow	8012-00-8	--	--	--	
Solvent Blue 4	6786-83-0	30 mg/kg	15 mg/kg	DIN 54231:2022 With HPLC-DAD-MSD analysis	yes
Solvent Yellow 1	60-09-3	Baby: 50 mg/kg	15 mg/kg	DIN 54231:2022 With HPLC-DAD-MSD analysis	
Solvent Yellow 2 (4-Dimethylaminoazobenzene)	60-11-7	30 mg/kg	15 mg/kg	DIN 54231:2022 With HPLC-DAD-MSD analysis	yes
Solvent Yellow 3	97-56-3	Baby: 50 mg/kg	15 mg/kg	DIN 54231:2022 With HPLC-DAD-MSD analysis	
C.I. Reactive brown 51	1330622-40-6	Baby: 500 mg/kg	500 mg/kg	in house method with HPLC-DAD/MS analysis	

Solvent Yellow 14	842-07-9	--	--	--	
<b>5. Organotin Compounds</b>					
Bis(tributyltin) oxide (TBTO)	56-35-9	--	--	--	
Dibutyltin, DBT	H based: 1002-53-5, Cl based: 683-18-1	1 mg/kg	0.05 mg/kg	ISO/TS 16179:2025	yes
Dimethyltin, DMT	Cl based: 753-73-1	1 mg/kg	0.05 mg/kg	ISO/TS 16179:2025	yes
Diocetyl tin, DOT	H based: 94410-05-6, Cl based: 3542-36-7	1 mg/kg	0.05 mg/kg	ISO/TS 16179:2025	yes
Diphenyltin, DPhT	H based: 1011-95-6, 6381-06-2 Cl based: 1135-99-5	1 mg/kg	0.05 mg/kg	ISO/TS 16179:2025	yes
Dipropyltin, DPT	Various	1 mg/kg	0.05 mg/kg	ISO/TS 16179:2025	yes
Monobutyltin, MBT	H based: 78763-54-9, Cl based: 1118-46-3	1 mg/kg	0.05 mg/kg	ISO/TS 16179:2025	yes
Monomethyltin, MMT	Various, including 993-16-8	1 mg/kg	0.05 mg/kg	ISO/TS 16179:2025	yes
Monooctyltin, MOT	H based: 15231-57-9, Cl based: 3091-25-6	1 mg/kg	0.05 mg/kg	ISO/TS 16179:2025	yes
Monophenyltin, MPhT	Cl based: 1124-19-2	1 mg/kg	0.05 mg/kg	ISO/TS 16179:2025	yes
Tetrabutyltin, TeBT	1461-25-2	1 mg/kg	0.05 mg/kg	ISO/TS 16179:2025	yes
Tetraethyltin, TeET	597-64-8	1 mg/kg	0.05 mg/kg	ISO/TS 16179:2025	yes
Tetraoctyltin, TeOT	Various	1 mg/kg	0.05 mg/kg	ISO/TS 16179:2025	yes
Tributyltin, TBT	H based 36643-28-4, Cl complex: 56573-85-4, Cl based: 1461-22-9	0.5 mg/kg	0.05 mg/kg	ISO/TS 16179:2025	yes
Tricyclohexyltin, TCyHT	H based: 6056-50-4 Cl based: 3091-32-5	1 mg/kg	0.05 mg/kg	ISO/TS 16179:2025	yes
Trimethyltin, TMT	Cl based: 1066-45-1	1 mg/kg	0.05 mg/kg	ISO/TS 16179:2025	yes
Triocetyl tin, TOT	-	1 mg/kg	0.05 mg/kg	ISO/TS 16179:2025	yes
Triphenyltin, TPhT	H based: 892-20-6, Cl based: 639-58-7 ion: 668-34-8	0.5 mg/kg	0.05 mg/kg	ISO/TS 16179:2025	yes
Tripropyltin, TPT	H based: 761-44-4 Cl based: 2279-76-7	1 mg/kg	0.05 mg/kg	ISO/TS 16179:2025	yes
<b>6a. PFCs-PFAS</b>					
<b>Perfluorooctanoic acid (PFOA) and its salts</b>	335-67-1	Sum of PFOA and its salts: 0.025 mg/kg	0.01 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes

Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	Sum of PFOA and its salts: 0.025 mg/kg	0.01 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
Sodium perfluorooctanoate (PFOA-Na)	335-95-5	Sum of PFOA and its salts: 0.025 mg/kg	0.01 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
Potassium perfluorooctanoate (PFOA-K)	2395-00-8	Sum of PFOA and its salts: 0.025 mg/kg	0.01 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
Silver perfluorooctanoate (PFOA-Ag)	335-93-3	Sum of PFOA and its salts: 0.025 mg/kg	0.01 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
Perfluorooctanoyl fluoride (PFOA-F)	335-66-0	Sum of PFOA and its salts: 0.025 mg/kg	0.01 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
<b>PFOA-related substances</b>	various	Sum of PFOA related substances: 1 mg/kg	0.01 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
2-Perfluorooctylethanol (8:2 FTOH)	678-39-7	Sum of PFOA related substances: 1 mg/kg	0.1 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA)	27905-45-9	Sum of PFOA related substances: 1 mg/kg	0.1 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
1H,1H,2H,2H-Perfluorodecanesulphonic acid (8:2 FTS)	39108-34-4	Sum of PFOA related substances: 1 mg/kg	0.1 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
Methyl perfluorooctanoate (Me-PFOA)	376-27-2	Sum of PFOA related substances: 1 mg/kg	0.1 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
Ethyl perfluorooctanoate (Et-PFOA)	3108-24-5	Sum of PFOA related substances: 1 mg/kg	0.1 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA)	1996-88-9	Sum of PFOA related substances: 1 mg/kg	0.1 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
2H,2H Perfluorodecane Acid (H <sub>2</sub> PFDA / 8:2 FTCA)	27854-31-5	Sum of PFOA related substances: 1 mg/kg	0.1 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
<b>Perfluorooctane sulfonate (PFOS) and its salts</b>	1763-23-1	0.025 mg/kg (sum of PFOS and its salts)	0.01 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
Perfluorooctanesulfonic acid, potassium salt (PFOS-K)	2795-39-3	0.025 mg/kg (sum of PFOS and its salts)	0.01 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes

Perfluorooctanesulfonic acid, lithium salt (PFOS-Li)	29457-72-5	0.025 mg/kg (sum of PFOS and its salts)	0.01 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
Perfluorooctanesulfonic acid, ammonium salt (PFOS-NH <sub>4</sub> )	29081-56-9	0.025 mg/kg (sum of PFOS and its salts)	0.01 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
Perfluorooctane sulfonate diethanolamine salt (PFOS-NH <sub>2</sub> (C <sub>2</sub> H <sub>4</sub> OH) <sub>2</sub> )	70225-14-8	0.025 mg/kg (sum of PFOS and its salts)	0.01 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
Perfluorooctanesulfonic acid, tetraethylammomium salt (PFOS-N(C <sub>2</sub> H <sub>5</sub> ) <sub>4</sub> )	56773-42-3	0.025 mg/kg (sum of PFOS and its salts)	0.01 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
Didecyldimethylammonium perfluorooctane sulfonate (PFOS-N(C <sub>10</sub> H <sub>21</sub> ) <sub>2</sub> (CH <sub>3</sub> ) <sub>2</sub> )	251099-16-8	0.025 mg/kg (sum of PFOS and its salts)	0.01 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
<b>PFOS-related substances</b>					yes
Perfluorooctane sulfonamide (PFOSA)	754-91-6	1mg/kg (sum of PFOS and related substances)	0.1 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
Perfluorooctane sulfonyl fluoride (PFOSF)	307-35-7	1mg/kg (sum of PFOS and related substances)	0.1 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
N-Methylperfluoro-1-octanesulfonamide (N-Me-FOSA)	31506-32-8	1mg/kg (sum of PFOS and related substances)	0.1 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
N-Ethylperfluoro-1-octanesulfonamide (N-Et-FOSA)	4151-50-2	1mg/kg (sum of PFOS and related substances)	0.1 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
2-(N-Methylperfluoro-1-octanesulfonamido)-ethanol (N-Me-FOSE)	24448-09-7	1mg/kg (sum of PFOS and related substances)	0.1 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
2-(N-Ethylperfluoro-1-octanesulfonamido)-ethanol (N-Et-FOSE)	1691-99-2	1mg/kg (sum of PFOS and related substances)	0.1 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
<b>C9-C14 PFCAs and their salts</b>	various	Sum of C9-C14 PFCAs and their salts: 0.025 mg/kg	0.01 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	
Perfluorononanoic acid (PFNA)	375-95-1	Sum of C9-C14 PFCAs and their salts: 0.025 mg/kg	0.01 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
Perfluorododecanoic acid (PFDA)	335-76-2	Sum of C9-C14 PFCAs and their salts: 0.025 mg/kg	0.01 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes

Henicosafluoroundecanoic acid (PFUdA / PFUnA)	2058-94-8	Sum of C9-C14 PFCAs and their salts: 0.025 mg/kg	0.01 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
Tricosafluorododecanoic acid PFDoDA	307-55-1	Sum of C9-C14 PFCAs and their salts: 0.025 mg/kg	0.01 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
Pentacosafluorotridecanoic acid (PFTrDA)	72629-94-8	Sum of C9-C14 PFCAs and their salts: 0.025 mg/kg	0.01 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
Heptacosafluorotetradecanoic acid (PFTeDA)	376-06-7	Sum of C9-C14 PFCAs and their salts: 0.025 mg/kg	0.01 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
Perfluoro-3,7-dimethyloctanoic Acid (PF-3,7-DMOA)	172155-07-6	Sum of C9-C14 PFCAs and their salts: 0.025 mg/kg	0.01 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
<b>C9-C14 PFCA related substances</b>	various	Sum of C9-C14 PFCA related substances: 0.26 mg/kg	0.01 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	
Perfluorodecane sulfonic acid (PFDS)	335-77-3	Sum of C9-C14 PFCA related substances: 0.26 mg/kg	0.1 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	
1H,1H,2H,2H-Perfluorododecylacrylate (10:2 FTA)	17741-60-5	Sum of C9-C14 PFCA related substances: 0.26 mg/kg	0.1 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
1H,1H,2H,2H-Perfluoro -1-dodecanol (10:2 FTOH)	865-86-1	Sum of C9-C14 PFCA related substances: 0.26 mg/kg	0.1 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
2H,2H,3H,3H-Perfluoroundecanoic Acid (H4PFUnA)	34598-33-9	Sum of C9-C14 PFCA related substances: 0.26 mg/kg	0.1 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
1H,1H,2H,2H-Perfluorododecyl methacrylate (10:2 FTMA)	2144-54-9	Sum of C9-C14 PFCA related substances: 0.26 mg/kg	0.1 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
H,1H,2H,2H-perfluorotetradecan-1-ol (12:2 FTOH)	39239-77-5	Sum of C9-C14 PFCA related substances: 0.26 mg/kg	0.1 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
1H,1H,2H,2H-Perfluorododecane sulfonic acid (10:2 FTS)	120226-60-0	Sum of C9-C14 PFCA related substances: 0.26 mg/kg	0.1 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
1H,1H,2H,2H-Perfluorododecyl iodide (10:2 FTI)	2043-54-1	Sum of C9-C14 PFCA related substances: 0.26 mg/kg	0.1 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
1H,1H,2H,2H-Perfluorotetradecyl iodide (12:2 FTI)	30046-31-2	Sum of C9-C14 PFCA related substances: 0.26 mg/kg	0.1 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes

1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA)	27905-45-9	Sum of C9-C14 PFCA related substances: 0.26 mg/kg	0.1 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	
1H,1H,2H,2H-Perfluorodecan-1-ol (8:2 FTOH)	678-39-7	Sum of C9-C14 PFCA related substances: 0.26 mg/kg	0.1 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
<b>Perfluorohexane sulfonate (PFHxS) and its salts</b>	355-46-4	Sum of PFHxS and its salts: 0.025 mg/kg	0.01 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
Perfluorohexanesulfonic acid, sodium salt (PFHxS-Na)	82382-12-5	Sum of PFHxS and its salts: 0.025 mg/kg	0.01 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
Perfluorohexanesulfonic acid, potassium salt (PFHxS-K)	3871-99-6	Sum of PFHxS and its salts: 0.025 mg/kg	0.01 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
Perfluorohexane Sulfonic acid, lithium salt (PFHxS-Li)	55120-77-9	Sum of PFHxS and its salts: 0.025 mg/kg	0.01 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
Perfluorohexane Sulfonic acid, ammonium salt (PFHxS-NH4)	68259-08-5	Sum of PFHxS and its salts: 0.025 mg/kg	0.01 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
<b>PFHxS-related Substances</b>	Various	Sum of PFHxS related substances: 1 mg/kg	1 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	
1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-methyl- (N-Me-FHxSA)	68259-15-4	Sum of PFHxS related substances: 1 mg/kg	1 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro- (PFHxSA)	41997-13-1	Sum of PFHxS related substances: 1 mg/kg	1 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
<b>Perfluorohexanoic acid (PFHxA) and its salt</b>	307-24-4	PFHxA and its salts:0.025 mg/kg baby: 0.025 mg/kg (sum of C9-C14 PFCA and further PFCAs ) 0.25 mg/kg	0.01 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
<b>PFHxA-related Substances</b>					
Perfluorooctanesulphonic acid 1H,1H,2H,2H (H4PFOS; 6:2)	27619-97-2	PFHxA-related substances:1mg/kg baby:0.05 mg/kg (sum of further PFAS)	0.01 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
1H,1H,2H,2H-Perfluoro-1-octanol (6:2 FTOH)	647-42-7	PFHxA-related substances:1mg/kg baby:0.05 mg/kg (sum of further PFAS)	0.1 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
1H,1H,2H,2H-Perfluorooctylacrylate (6:2 FTA)	17527-29-6	PFHxA-related substances:1mg/kg baby:0.05 mg/kg (sum of further PFAS)	0.1 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes

1H,1H,2H,2H-Perfluorooctyl methacrylate (6:2 FTMA)	2144-53-8	PFHxA-related substances:1 mg/kg baby:0.05 mg/kg (sum of further PFAS)	0.1 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	yes
<b>other PFAS</b>					
Perfluorobutane acid (PFBA) and its salt	375-22-4	baby: 0.025 mg/kg (sum of C9-C14 PFCA and further PFCAs )	0.01 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	
Perfluorobutane sulfonate (PFBS) and its salt	375-73-5	baby: 0.05 mg/kg (sum of further PFAS)	0.01 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	
Nonafluorobutanesulfonic acid hydrate (PFBS-H <sub>2</sub> O)	59933-66-3	baby: 0.05 mg/kg (sum of further PFAS)	0.01 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	
Perfluoropentane Acid (PFPeA) and its salts	2706-90-3	baby: 0.025 mg/kg (sum of C9-C14 PFCA and further PFCAs )	0.01 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	
Perfluoroheptanoic acid (PFHpA) and its salts	375-85-9	baby: 0.025 mg/kg (sum of C9-C14 PFCA and further PFCAs )	0.01 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	
Perfluoroheptane Sulfonate (PFHpS) and its salts	375-92-8	baby:0.05 mg/kg (sum of further PFAS)	0.01 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	
7H-Dodecanefluoroheptane Acid (7HPFHpA) and its salts	1546-95-8	baby:0.05 mg/kg (sum of further PFAS)	0.01 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	
1H,1H,2H,2H-Perfluoro-1-hexanol (4:2 FTOH)	2043-47-2	baby:0.05 mg/kg (sum of further PFAS)	0.1 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propionic acid (HPFO-DA) and its salts	13252-13-6	Information Only	1 mg/kg	Leather: EN ISO 23702-1: 2023 Other materials: EN 17681-1:2025 & 17681-2:2022	
<b>6b. PFAS Total Fluorine</b>					
Total <del>Organic</del> Fluorine - As PFAS indicator	7782-41-4	50 mg/kg	50 mg/kg	Ref. to EN 14582:2016 or ASTM D7359 :2023 <b>or EN 17813:2023</b>	yes
<b>7. COC (Chlorobenzenes/Chlorotoluenes)</b>					
Chlorobenzene	108-90-7	Baby: 1 mg/kg (sum)	0.1 mg/kg	EN 17137:2024	-
Dichlorobenzenes	Various include 25321-22-6	1 mg/kg (sum)	0.1 mg/kg	EN 17137:2024	yes
1,2-Dichlorobenzene	95-50-1	<b>baby:1 mg/kg (sum)</b> <b>non-baby:10 mg/kg each</b>	0.1 mg/kg	EN 17137:2024	yes
1,3-Dichlorobenzene	541-73-1	1 mg/kg (sum)	0.1 mg/kg	EN 17137:2024	yes
1,4-Dichlorobenzene	106-46-7	1 mg/kg (sum)	0.1 mg/kg	EN 17137:2024	yes
Trichlorobenzenes	Various include 12002-48-1	1 mg/kg (sum)	0.1 mg/kg	EN 17137:2024	yes
1,2,3-Trichlorobenzene,	87-61-6	1 mg/kg (sum)	0.1 mg/kg	EN 17137:2024	yes

1,2,4-Trichlorobenzene	120-82-1	1 mg/kg (sum)	0.1 mg/kg	EN 17137:2024	yes
1,3,5-Trichlorobenzene,	108-70-3	1 mg/kg (sum)	0.1 mg/kg	EN 17137:2024	yes
Tetrachlorobenzenes	Various include 12408-10-5	1 mg/kg (sum)	0.1 mg/kg	EN 17137:2024	yes
1,2,3,4-Tetrachlorobenzene	634-66-2	1 mg/kg (sum)	0.1 mg/kg	EN 17137:2024	yes
1,2,3,5-Tetrachlorobenzene	634-90-2	1 mg/kg (sum)	0.1 mg/kg	EN 17137:2024	yes
1,2,4,5-Tetrachlorobenzene	95-94-3	1 mg/kg (sum)	0.1 mg/kg	EN 17137:2024	yes
Pentachlorobenzene	608-93-5	1 mg/kg (sum)	0.1 mg/kg	EN 17137:2024	yes
Hexachlorobenzene	118-74-1	1 mg/kg (sum)	0.1 mg/kg	EN 17137:2024	yes
Chlorotoluene	Various include 25168-05-2	1 mg/kg (sum)	0.1 mg/kg	EN 17137:2024	yes
2-Chlorotoluene	95-49-8	1 mg/kg (sum)	0.1 mg/kg	EN 17137:2024	yes
3-Chlorotoluene	108-41-8	1 mg/kg (sum)	0.1 mg/kg	EN 17137:2024	yes
4-Chlorotoluene	106-43-4	1 mg/kg (sum)	0.1 mg/kg	EN 17137:2024	yes
Dichlorotoluene	Various include "29797-40-8	1 mg/kg (sum)	0.1 mg/kg	EN 17137:2024	yes
2,3-Dichlorotoluene	32768-54-0	1 mg/kg (sum)	0.1 mg/kg	EN 17137:2024	yes
2,4-Dichlorotoluene	95-73-8	1 mg/kg (sum)	0.1 mg/kg	EN 17137:2024	yes
2,5-Dichlorotoluene	19398-61-9	1 mg/kg (sum)	0.1 mg/kg	EN 17137:2024	yes
2,6-Dichlorotoluene	118-69-4	1 mg/kg (sum)	0.1 mg/kg	EN 17137:2024	yes
3,4-Dichlorotoluene	95-75-0	1 mg/kg (sum)	0.1 mg/kg	EN 17137:2024	yes
3,5-dichlorotoluene	25186-47-4	Baby: 1 mg/kg (sum)	0.1 mg/kg	EN 17137:2024	
Trichlorotoluene	various	1 mg/kg (sum)	0.1 mg/kg	EN 17137:2024	yes
2,3,6-Trichlorotoluene	2077-46-5	1 mg/kg (sum)	0.1 mg/kg	EN 17137:2024	yes
2,4,5-Trichlorotoluene	6639-30-1	1 mg/kg (sum)	0.1 mg/kg	EN 17137:2024	yes
2,3,4-trichlorotoluene	7359-72-0	Baby: 1 mg/kg (sum)	0.1 mg/kg	EN 17137:2024	
2,4,6-trichlorotoluene	23749-65-7	Baby: 1 mg/kg (sum)	0.1 mg/kg	EN 17137:2024	
3,4,5-trichlorotoluene	21472-86-6	Baby: 1 mg/kg (sum)	0.1 mg/kg	EN 17137:2024	
2,3,5-trichlorotoluene	56961-86-5	Baby: 1 mg/kg (sum)	0.1 mg/kg	EN 17137:2024	
Tetrachlorotoluene	various	1 mg/kg (sum)	0.1 mg/kg	EN 17137:2024	yes
2,3,4,5-tetrachlorotoluene	76057-12-0	1 mg/kg (sum)	0.1 mg/kg	EN 17137:2024	yes
2,3,5,6-tetrachlorotoluene	1006-31-1	1 mg/kg (sum)	0.1 mg/kg	EN 17137:2024	yes
2,3,4,6-tetrachlorotoluene	875-40-1	1 mg/kg (sum)	0.1 mg/kg	EN 17137:2024	yes
Pentachlorotoluene	877-11-2	1 mg/kg (sum)	0.1 mg/kg	EN 17137:2024	yes
α,α,α,4-tetrachlorotoluene	5216-25-1	1 mg/kg (sum)	0.1 mg/kg	EN 17137:2024	yes
α,α,α-trichlorotoluene	98-07-7	1 mg/kg (sum)	0.1 mg/kg	EN 17137:2024	yes
α-chlorotoluene	100-44-7	1 mg/kg (sum)	0.1 mg/kg	EN 17137:2024	yes
<b>8a. Halogenated solvents / VOCs</b>					
Benzene	71-43-2	Baby <b>textile</b> :1 mg/kg <b>Baby leather &amp;</b> No-baby: 5 mg/kg	1mg/kg	AFIRM method	yes
1,2-Dichloroethane	107-06-2	baby:1 mg/kg (each) Sum of the chlorinated solvents :5 mg/kg	1 mg/kg	AFIRM method	yes

		No-baby: Sum with other VOCs:500mg/kg			
1,1-Dichloroethene	75-35-4	baby:1 mg/kg (each) Sum of the chlorinated solvents :5 mg/kg No-baby: Sum with other VOCs:500mg/kg	1 mg/kg	AFIRM method	yes
Methylene chloride	75-09-2	baby:1 mg/kg (each) Sum of the chlorinated solvents :5 mg/kg No-baby: Sum with other VOCs:500mg/kg	1 mg/kg	AFIRM method	yes
cis-1,2-Dichloroethene	156-59-2	baby:1 mg/kg (each) Sum of the chlorinated solvents :5 mg/kg	1 mg/kg	AFIRM method' <del>in-house method with HS-GCMS analysis</del>	
trans-1,2-Dichloroethene	156-60-5	baby:1 mg/kg (each) Sum of the chlorinated solvents :5 mg/kg	1 mg/kg	AFIRM method' <del>in-house method with HS-GCMS analysis</del>	
Trichloromethane (Chloroform)	67-66-3	baby:1 mg/kg (each) Sum of the chlorinated solvents :5 mg/kg No-baby: Sum with other VOCs:500mg/kg	1 mg/kg	AFIRM method	yes
1,1,1-Trichloroethane	71-55-6	baby:1 mg/kg (each) Sum of the chlorinated solvents :5 mg/kg No-baby: Sum with other VOCs:500mg/kg	1 mg/kg	AFIRM method	yes
Carbon tetrachloride	56-23-5	baby:1 mg/kg (each) Sum of the chlorinated solvents :5 mg/kg No-baby: Sum with other VOCs:500mg/kg	1 mg/kg	AFIRM method	yes
Trichloroethene (Trichloroethylene)	79-01-6	baby:1 mg/kg (each) Sum of the chlorinated solvents :5 mg/kg No-baby: Sum with other VOCs:500mg/kg	1 mg/kg	AFIRM method	yes
1,1,2-Trichloroethane	79-00-5	baby:1 mg/kg (each) Sum of the chlorinated solvents :5 mg/kg	1 mg/kg	AFIRM method	yes

		No-baby: Sum with other VOCs:500mg/kg			
1,1,1,2-Tetrachloroethane	630-20-6	baby:1 mg/kg (each) Sum of the chlorinated solvents :5 mg/kg No-baby: Sum with other VOCs:500 mg/kg	1 mg/kg	AFIRM method	yes
Tetrachloroethene (PERC)	127-18-4	baby:1 mg/kg (each) Sum of the chlorinated solvents :5 mg/kg No-baby: Sum with other VOCs:500 mg/kg	1 mg/kg	AFIRM method	yes
1,1-Dichloroethane	75-34-3	baby:1 mg/kg (each) Sum of the chlorinated solvents :5 mg/kg	1 mg/kg	AFIRM method' in-house method with HS-GCMS analysis	
1,1,2,2-Tetrachloroethane	79-34-5	baby:1 mg/kg (each) Sum of the chlorinated solvents :5 mg/kg No-baby: Sum with other VOCs:500 mg/kg	1mg/kg	AFIRM method	yes
Pentachloroethane	76-01-7	baby:1 mg/kg (each) Sum of the chlorinated solvents :5 mg/kg No-baby: Sum with other VOCs:500 mg/kg	1 mg/kg	AFIRM method	yes
1,2,3-trichloropropane	96-18-4	Baby:10 mg/kg Sum with other VOCs: 500 mg/kg No-baby: Sum with other VOCs: 500 mg/kg	10-4 mg/kg	AFIRM method	yes
Benzylchloride	100-44-7	--	--	--	
1,2-diethoxyethane	629-14-1	Baby:10 mg/kg	10 mg/kg	AFIRM method' 'Solvent Extraction with GC-MS analysis	
1,2-Dichlorobenzene	95-50-1	Sum with other VOCs: 500 mg/kg	20 40-mg/kg	AFIRM method	yes
1,4-Dichlorobenzene	106-46-7	Sum with other VOCs: 500 mg/kg	20 40-mg/kg	AFIRM method	yes
1-Methyl-2-pyrrolidione	872-50-4	Sum with other VOCs: 500 mg/kg	20 40-mg/kg	AFIRM method	yes
2-phenyl-2-propanol	617-94-7	Baby:10 mg/kg Sum with other VOCs: 500 mg/kg No-baby: Sum with other VOCs: 500 mg/kg	10 mg/kg	AFIRM method	yes
Acetophenone	98-86-2	Baby:10 mg/kg Sum with other VOCs: 500 mg/kg	10 mg/kg	AFIRM method	yes

		No-baby: Sum with other VOCs: 500 mg/kg			
Formamide	75-12-7	Sum with other VOCs: 500 mg/kg	<del>20</del> 40 mg/kg	AFIRM method	yes
N,N-Dimethylacetamide (DMAC)	127-19-5	Sum with other VOCs: 500 mg/kg	<del>20</del> 40 mg/kg	AFIRM method	yes
Naphtalene	91-20-3	Baby: 2 mg/kg <del>Sum with other VOCs: 500 mg/kg</del> No-baby: Sum with other VOCs: 500 mg/kg	<del>20</del> 2 mg/kg	AFIRM method	yes
N-N-Dimethylformamide (DMFa)	68-12-2	Sum with other VOCs: 500 mg/kg	<del>20</del> 40 mg/kg	AFIRM method	yes
Styrene	100-42-5	Baby: 10 mg/kg Sum with other VOCs: 500 mg/kg No-baby: Sum with other VOCs: 500 mg/kg	10 mg/kg	AFIRM method	yes
1,2-Dichloropropane	78-87-5	Sum with other VOCs: 500 mg/kg	<del>20</del> 40 mg/kg	AFIRM method	yes
2-ethoxyethyl acetate;	111-15-9	Baby: 10 mg/kg Sum with other VOCs: 500 mg/kg No-baby: Sum with other VOCs: 500 mg/kg	<del>10</del> 5 mg/kg	AFIRM method	yes
2-Ethylhexane acid	149-57-5	Sum with other VOCs: 500 mg/kg	<del>20</del> 40 mg/kg	AFIRM method	yes
Aniline	62-53-3	Sum with other VOCs: 500 mg/kg	<del>20</del> 40 mg/kg	AFIRM method	yes
Bis(2-methoxyethyl)-ether;	111-96-6	Baby: 10 mg/kg Sum with other VOCs: 500 mg/kg No-baby: Sum with other VOCs: 500 mg/kg	<del>10</del> 5 mg/kg	AFIRM method	yes
Isophorone	78-59-1	Sum with other VOCs: 500 mg/kg	<del>20</del> 40 mg/kg	AFIRM method	yes
Phenol	108-95-2	Sum with other VOCs: 500 mg/kg	<del>20</del> 40 mg/kg	AFIRM method	yes
THF	109-99-9	Sum with other VOCs: 500 mg/kg	<del>20</del> 40 mg/kg	AFIRM method	yes
2-methoxypropylacetate;	70657-70-4	Baby: 10 mg/kg Sum with other VOCs: 500 mg/kg No-baby: Sum with other VOCs: 500 mg/kg	10 mg/kg	AFIRM method	yes
2-ethoxyethanol;	110-80-5	Baby: 10 mg/kg Sum with other VOCs: 500 mg/kg No-baby: Sum with other VOCs: 500 mg/kg	10 mg/kg	AFIRM method	yes
2-methoxyethanol;	109-86-4	Baby: 10 mg/kg Sum with other VOCs: 500 mg/kg No-baby: Sum with other VOCs: 500 mg/kg	10 mg/kg	AFIRM method	yes
2-methoxypropanol	1589-47-5	Baby: 10 mg/kg Sum with other VOCs: 500 mg/kg No-baby: Sum with other VOCs: 500 mg/kg	10 mg/kg	AFIRM method	yes

Ethylene glycol dimethyl ether / 1,2-dimethoxyethane	110-71-4	Baby:10 mg/kg Sum with other VOCs: 500 mg/kg No-baby: Sum with other VOCs: 500 mg/kg	<del>10-5</del> -mg/kg	AFIRM method	yes
2-methoxyethylacetate;	110-49-6	Baby:10 mg/kg Sum with other VOCs: 500 mg/kg No-baby: Sum with other VOCs: 500 mg/kg	<del>10-5</del> -mg/kg	AFIRM method	yes
Hexachloroethane	67-72-1	Sum with other VOCs: 500 mg/kg	<del>20 40</del> -mg/kg	AFIRM method	yes
n-hexane	110-54-3	Sum with other VOCs: 500 mg/kg	<del>20 40</del> -mg/kg	AFIRM method	yes
1,2-bis(2-methoxyethoxy)ethane Triethylene glycol dimethyl ether (TEGDME)	112-49-2	Baby: 10 mg/kg <del>Sum with other VOCs: 500 mg/kg</del> No-baby: <del>Sum with other VOCs: 500 mg/kg</del>	10 mg/kg	AFIRM method	yes
1-bromopropane; n-propyl bromide	106-94-5	Sum with other VOCs: 500 mg/kg	20mg/kg	AFIRM method	yes
2-(2-methoxyethoxy)-ethanol	111-77-3	Sum with other VOCs: 500 mg/kg	20mg/kg	AFIRM method	yes
Toluene	108-88-3	Baby:10 mg/kg 'Sum with other VOCs: 500 mg/kg No-baby:Sum with other VOCs: 500mg/kg	10mg/kg	AFIRM method	yes
Ethylbenzene	100-41-4	Baby:10 mg/kg 'Sum with other VOCs: 500 mg/kg No-baby:Sum with other VOCs: 500 mg/kg	10mg/kg	AFIRM method	yes
Xylene	1330-20-7 (all isomers) 95-47-6, 106-42-3, 108-38-3	Baby:10 mg/kg 'Sum with other VOCs: 500 mg/kg No-baby:Sum with other VOCs: 500 mg/kg	10mg/kg	AFIRM method	yes
Carbon disulphide	75-15-0	Baby:10 mg/kg 'Sum with other VOCs: 500 mg/kg No-baby:Sum with other VOCs: 500mg/kg	<del>10 20</del> -mg/kg	AFIRM method	yes
Cyclohexanone	108-94-1	Baby:10 mg/kg 'Sum with other VOCs: 500 mg/kg No-baby:Sum with other VOCs: 500 mg/kg	10 mg/kg	AFIRM method	yes
1,4-dioxane	123-91-1	Baby:10 mg/kg	10 mg/kg	in house method with HS-GCMS analysis	
Methylethylketone	78-93-3	baby:10 mg/kg	10 mg/kg	in house method with HS-GCMS analysis	
Vinylchloride	75-01-4	Baby: 1 mg/kg	1 mg/kg	AFIRM method	
Bis(chloromethyl)ether	542-88-1	--	--	--	
Methanol	67-56-1	--	--	--	
<b>8b. Other Solvents</b>					

N,N-dimethylformamide (N,N-DMF) / DMFa	68-12-2	500 mg/kg	5 mg/kg	DMFa / DMAC / NMP/ Formamide : EN 17131:2019 2025 (textiles),ISO 16189:2021 (all other materials)	yes
N,N-dimethylacetamide (N,N-DMAC)	127-19-5	baby:500mg/kg non-baby: '1000 mg/kg	5 mg/kg	DMFa / DMAC / NMP/ Formamide : EN 17131:2019 2025 (textiles),ISO 16189:2021 (all other materials)	yes
1-methyl-2-pyrrolidone (NMP)	872-50-4	baby:500mg/kg non-baby: '1000 mg/kg	5 mg/kg	DMFa / DMAC / NMP/ Formamide : EN 17131:2019 2025 (textiles),ISO 16189:2021 (all other materials)	yes
Cresol (all isomers)	1319-77-3				
o-cresol	95-48-7	Baby:10 mg/kg	10 mg/kg	Solvent Extraction with GC-MS analysis	
m-cresol	108-39-4	Baby:10 mg/kg	10 mg/kg	Solvent Extraction with GC-MS analysis	
p-cresol	106-44-5	Baby:10 mg/kg	10 mg/kg	Solvent Extraction with GC-MS analysis	
Formamide	75-12-7	baby: 200 mg/kg non-baby: other: 1000 mg/kg Play/baby/yoga mats:200 mg/kg	5 mg/kg	DMFa / DMAC / NMP/ Formamide : EN 17131:2019 2025 (textiles),ISO 16189:2021 (all other materials)	yes
1,2-dibromomethane	106-93-4	--	--		
Bromomethane	74-96-4	--	--		
2-bromopropane	75-26-3	--	--		
Cyclododecane	294-62-2	--	--		
Acetophenone	98-86-2	50 mg/kg	5 mg/kg	Extraction in acetone or methanol GC/MS, sonication for 30 minutes at 60° C	yes
2-Phenyl-2-Propanol	617-94-7	50 mg/kg	10 mg/kg	Extraction in acetone or methanol GC/MS, sonication for 30 minutes at 60° C	yes
Acetophenone Azine	729-43-1	50 mg/kg	10 mg/kg	Extraction in acetone or methanol GC/MS or LC/MS, sonication for 30 minutes at room temperature in house method,analysis with GCMS	yes
n-hexane	110-54-3	baby:100 mg/kg	5 mg/kg		
2-Pyrrolidinone	616-45-5	baby: 1000 mg/kg	100 mg/kg	Solvent Extraction with GC-MS analysis	
N-Ethyl-2-pyrrolidone; 1-Ethyl-2-pyrrolidinone (NEP)	2687-91-4	baby: 1000 mg/kg	10 mg/kg	Solvent Extraction with GC-MS analysis	
<b>9. Chlorinated Phenols</b>					

Pentachlorophenol (PCP), its salts and compounds	87-86-5	Textile: baby 0.05 mg/kg non-baby 0.5 mg/kg Leather: baby 0.3 mg/kg non-baby 0.5 mg/kg	0.05 mg/kg	EN 17134-2:2023	yes
Tetrachlorophenol (TeCP)	25167-83-3	Textile: baby Sum of TeCP: 0.05 mg/kg non-baby <del>Sum each</del> of TeCP: 0.5 mg/kg Leather: baby:Sum of TeCP: 0.5 mg/kg no-baby: Each TeCP: 0.5 mg/kg	0.05 mg/kg	EN 17134-2:2023	yes
2,3,4,5-Tetrachlorophenol	4901-51-3	Textile: baby Sum of TeCP: 0.05 mg/kg non-baby <del>Sum each</del> of TeCP: 0.5 mg/kg Leather: baby:Sum of TeCP: 0.5 mg/kg no-baby: Each TeCP: 0.5 mg/kg	0.05 mg/kg	EN 17134-2:2023	yes
2,3,4,6-Tetrachlorophenol	58-90-2	Textile: baby Sum of TeCP: 0.05 mg/kg non-baby <del>Sum each</del> of TeCP: 0.5 mg/kg Leather: baby:Sum of TeCP: 0.5 mg/kg no-baby: Each TeCP: 0.5 mg/kg	0.05 mg/kg	EN 17134-2:2023	yes
2,3,5,6-Tetrachlorophenol	935-95-5	Textile: baby Sum of TeCP: 0.05 mg/kg non-baby <del>Sum each</del> of TeCP: 0.5 mg/kg Leather: baby:Sum of TeCP: 0.5 mg/kg no-baby: Each TeCP: 0.5 mg/kg	0.05 mg/kg	EN 17134-2:2023	yes
Trichlorophenol (TriCP)	various	Textile: <del>baby Sum of TCP: 0.05 mg/kg</del> <del>non-baby Sum of TCP: 0.5 mg/kg</del> baby: sum of TrCP: 0.2 mg/kg non-baby: each TrCP:0.5 mg/kg Leather: <del>baby: Each TCP: 0.5 mg/kg</del> <del>non-baby Each TCP: 1 mg/kg</del> baby: sum of TrCP: 0.5mg/kg non-baby: each TrCP:0.5 mg/kg	0.05 mg/kg	EN 17134-2:2023	yes

2,3,4-Trichlorophenol	15950-66-0	<p>Textile:  <del>baby Sum of TCP: 0.05 mg/kg</del>  <del>non-baby Sum of TCP: 0.5 mg/kg</del>  baby: sum of TrCP: 0.2 mg/kg  non-baby: each TrCP:0.5 mg/kg</p> <p>Leather:  <del>baby: Each TCP: 0.5 mg/kg</del>  <del>non-baby Each TCP: 1 mg/kg</del>  baby: sum of TrCP: 0.5mg/kg  non-baby: each TrCP:0.5 mg/kg</p>	0.05 mg/kg	EN 17134-2:2023	yes
2,3,5-Trichlorophenol	933-78-8	<p>Textile:  <del>baby Sum of TCP: 0.05 mg/kg</del>  <del>non-baby Sum of TCP: 0.5 mg/kg</del>  baby: sum of TrCP: 0.2 mg/kg  non-baby: each TrCP:0.5 mg/kg</p> <p>Leather:  <del>baby: Each TCP: 0.5 mg/kg</del>  <del>non-baby Each TCP: 1 mg/kg</del>  baby: sum of TrCP: 0.5mg/kg  non-baby: each TrCP:0.5 mg/kg</p>	0.05 mg/kg	EN 17134-2:2023	yes
2,3,6-Trichlorophenol	933-75-5	<p>Textile:  <del>baby Sum of TCP: 0.05 mg/kg</del>  <del>non-baby Sum of TCP: 0.5 mg/kg</del>  baby: sum of TrCP: 0.2 mg/kg  non-baby: each TrCP:0.5 mg/kg</p> <p>Leather:  <del>baby: Each TCP: 0.5 mg/kg</del>  <del>non-baby Each TCP: 1 mg/kg</del>  baby: sum of TrCP: 0.5mg/kg  non-baby: each TrCP:0.5 mg/kg</p>	0.05 mg/kg	EN 17134-2:2023	yes
2,4,5-Trichlorophenol	95-95-4	<p>Textile:  <del>baby Sum of TCP: 0.05 mg/kg</del>  <del>non-baby Sum of TCP: 0.5 mg/kg</del>  baby: sum of TrCP: 0.2 mg/kg  non-baby: each TrCP:0.5 mg/kg</p> <p>Leather:  <del>baby: Each TCP: 0.5 mg/kg</del>  <del>non-baby Each TCP: 1 mg/kg</del>  baby: sum of TrCP: 0.5mg/kg  non-baby: each TrCP:0.5 mg/kg</p>	0.05 mg/kg	EN 17134-2:2023	yes
2,4,6-Trichlorophenol	88-06-2	<p>Textile:  <del>baby Sum of TCP: 0.05 mg/kg</del>  <del>non-baby Sum of TCP: 0.5 mg/kg</del>  baby: sum of TrCP: 0.2 mg/kg  non-baby: each TrCP:0.5 mg/kg</p>	0.05 mg/kg	EN 17134-2:2023	yes

		<p>Leather:  <del>baby: Each TCP: 0.5 mg/kg</del>  <del>non-baby Each TCP: 1 mg/kg</del>  <del>baby: sum of TrCP: 0.5mg/kg</del>  <del>non-baby: each TrCP:0.5 mg/kg</del></p>			
3,4,5-Trichlorophenol	609-19-8	<p>Textile:  <del>baby Sum of TCP: 0.05 mg/kg</del>  <del>non-baby Sum of TCP: 0.5 mg/kg</del>  <del>baby: sum of TrCP: 0.2 mg/kg</del>  <del>non-baby: each TrCP:0.5 mg/kg</del>  Leather:  <del>baby: Each TCP: 0.5 mg/kg</del>  <del>non-baby Each TCP: 1 mg/kg</del>  <del>baby: sum of TrCP: 0.5mg/kg</del>  <del>non-baby: each TrCP:0.5 mg/kg</del></p>	0.05 mg/kg	EN 17134-2:2023	yes
DiChlorophenol (DiCP)	various	<p>Textile:  <del>baby Sum of TCP: 0.05 mg/kg</del>  <del>non-baby Sum of TCP: 0.5 mg/kg</del>  <del>baby:sum of DCP: 0.5mg/kg</del>  Leather:  <del>baby:sum of DCP: 0.5mg/kg</del>  <del>baby: Each TCP: 0.5 mg/kg</del>  <del>non-baby: Each TCP: 1 mg/kg</del></p>	0.05 mg/kg	EN 17134-2:2023	
2,3-Dichlorophenol	576-24-9	<p>Textile:  <del>baby Sum of TCP: 0.05 mg/kg</del>  <del>non-baby Sum of TCP: 0.5 mg/kg</del>  <del>baby:sum of DCP: 0.5mg/kg</del>  Leather:  <del>baby:sum of DCP: 1mg/kg</del>  <del>baby: Each TCP: 0.5 mg/kg</del>  <del>non-baby: Each TCP: 1 mg/kg</del></p>	0.05 mg/kg	EN 17134-2:2023	
2,4-Dichlorophenol	120-83-2	<p>Textile:  <del>baby Sum of TCP: 0.05 mg/kg</del>  <del>non-baby Sum of TCP: 0.5 mg/kg</del>  <del>baby:sum of DCP: 0.5mg/kg</del>  Leather:  <del>baby:sum of DCP: 1mg/kg</del>  <del>baby: Each TCP: 0.5 mg/kg</del>  <del>non-baby: Each TCP: 1 mg/kg</del></p>	0.05 mg/kg	EN 17134-2:2023	
2,5-Dichlorophenol	583-78-8	<p>Textile:  <del>baby Sum of TCP: 0.05 mg/kg</del>  <del>non-baby Sum of TCP: 0.5 mg/kg</del>  <del>baby:sum of DCP: 0.5mg/kg</del>  Leather:  <del>baby:sum of DCP: 1mg/kg</del>  <del>baby: Each TCP: 0.5 mg/kg</del>  <del>non-baby: Each TCP: 1 mg/kg</del></p>	0.05 mg/kg	EN 17134-2:2023	

2,6-Dichlorophenol	87-65-0	<p>Textile:  <del>baby Sum of TCP: 0.05 mg/kg</del>  <del>non-baby Sum of TCP: 0.5 mg/kg</del>  <del>baby:sum of DCP: 0.5mg/kg</del></p> <p>Leather:  <del>baby:sum of DCP:1mg/kg</del>  <del>baby: Each TCP: 0.5 mg/kg</del>  <del>non-baby:— Each TCP: 1 mg/kg</del></p>	0.05 mg/kg	EN 17134-2:2023	
3,4-Dichlorophenol	95-77-2	<p>Textile:  <del>baby Sum of TCP: 0.05 mg/kg</del>  <del>non-baby Sum of TCP: 0.5 mg/kg</del>  <del>baby:sum of DCP: 0.5mg/kg</del></p> <p>Leather:  <del>baby:sum of DCP:1mg/kg</del>  <del>baby: Each TCP: 0.5 mg/kg</del>  <del>non-baby:— Each TCP: 1 mg/kg</del></p>	0.05 mg/kg	EN 17134-2:2023	
3,5-Dichlorophenol	591-35-5	<p>Textile:  <del>baby Sum of TCP: 0.05 mg/kg</del>  <del>non-baby Sum of TCP: 0.5 mg/kg</del>  <del>baby:sum of DCP: 0.5mg/kg</del></p> <p>Leather:  <del>baby:sum of DCP:1mg/kg</del>  <del>baby: Each TCP: 0.5 mg/kg</del>  <del>non-baby:— Each TCP: 1 mg/kg</del></p>	0.05 mg/kg	EN 17134-2:2023	
Mono Chlorophenol	various	<p>Textile:  <del>baby:sum of MCP:0.5mg/kg</del>  <del>baby Sum of TCP: 0.05 mg/kg</del>  <del>non-baby Sum of TCP: 0.5 mg/kg</del></p> <p>Leather:  <del>baby:sum of MCP:2 mg/kg</del>  <del>baby Each TCP: 0.5 mg/kg</del>  <del>non-baby Each TCP: 1 mg/kg</del></p>	0.05 mg/kg	EN 17134-2:2023	
2-Chlorophenol	95-57-8	<p>Textile:  <del>baby:sum of MCP:0.5mg/kg</del>  <del>baby Sum of TCP: 0.05 mg/kg</del>  <del>non-baby Sum of TCP: 0.5 mg/kg</del></p> <p>Leather:  <del>baby:sum of MCP:2 mg/kg</del>  <del>baby Each TCP: 0.5 mg/kg</del>  <del>non-baby Each TCP: 1 mg/kg</del></p>	0.05 mg/kg	EN 17134-2:2023	
3-Chlorophenol	108-43-0	<p>Textile:  <del>baby:sum of MCP:0.5mg/kg</del>  <del>baby Sum of TCP: 0.05 mg/kg</del>  <del>non-baby Sum of TCP: 0.5 mg/kg</del></p> <p>Leather:  <del>baby:sum of MCP:2 mg/kg</del>  <del>baby Each TCP: 0.5 mg/kg</del>  <del>non-baby Each TCP: 1 mg/kg</del></p>	0.05 mg/kg	EN 17134-2:2023	

		<p style="color: red;">baby:sum of MCP:2 mg/kg  baby Each TCP: 0.5 mg/kg  non-baby Each TCP: 1 mg/kg</p>			
4-Chlorophenol	106-48-9	<p>Textile:  baby:sum of MCP:0.5mg/kg  baby Sum of TCP: 0.05 mg/kg  non-baby Sum of TCP: 0.5 mg/kg</p> <p>Leather:  baby:sum of MCP:2 mg/kg  baby Each TCP: 0.5 mg/kg  non-baby Each TCP: 1 mg/kg</p>	0.05 mg/kg	EN 17134-2:2023	
<b>10. Chlorinated Paraffins (SCCP / MCCP)</b>					
Short Chain Chlorinated Paraffins (SCCP) with C10 –C13	85535-84-8	Baby: 50 mg/kg (MCCP+SCCP) Non baby: 1000 mg/kg	<del>20-50</del> mg/kg	Textiles: ISO 22818:2021 (SCCP + MCCP) Leather: ISO 18219-1:2021 (SCCP); ISO 18219-2:2021 (MCCP)	yes
Medium Chain Chlorinated Paraffins (MCCP) with C14 –C17	85535-85-9	Baby: 50 mg/kg (MCCP+SCCP) Non baby: 1000 mg/kg	<del>20-50</del> mg/kg		yes
<b>11a.Heavy Metals</b>					
<b>Total Heavy metal - (Non-Jewelry)</b>					
Total Cadmium, Cd	7440-43-9	40 mg/kg	5 mg/kg	Non-leather: EN 16711-1:2015 Leather: ISO 17072-2:2022	yes
Total Lead, Pb	7439-92-1	30 mg/kg(coating and plastic only in Apparel) 90 mg/kg (Belt/Shoes/Bag&other parts in Apparel)	5 mg/kg	Metal: CPSC-CH-E1001-08.3 Non-metal: CPSC-CH-E1002-08.3 Paint/Surface coating: CPSC-CH-E1003-09.1 Analysis was conducted by ICP-OES or AAS	yes
Total Mercury, Hg	7439-97-6	<del>0.5</del> 4-mg/kg	0.1 mg/kg	Non-leather: EN 16711-1:2015 Leather: ISO 17072-2:2022	yes
Total Cobalt, Co	7440-48-4	--			
Total Nickel, Ni	7440-02-0	--			
Total Antimony, Sb	7440-36-0	--			
Total Arsenic, As	7440-38-2	100 mg/kg	5 mg/kg	Non-leather: EN 16711-1:2015 Leather: ISO 17072-2:2022	yes
Total Copper, Cu	7440-50-8	--	--	--	
Total Zinc, Zn	7440-66-6	--	--	--	
Total Chromium, Cr	7440-47-3	--	--	--	
Total Manganese, Mn	7439-96-5	--	--	--	
Total Silver (Ag)	7440-22-4	--	--	--	
Total Barium	7440-39-3	--	--	--	
Total Selenium	7782-49-2	--	--	--	
Total Tin	7440-31-5	--	--	--	
<b>Extractable HM (Non-Jewelry)</b>					

Extractable Cobalt, Co	7440-48-4	baby 1.0 mg/kg non-baby 4.0 mg/kg	0.5 mg/kg	Leather: ISO 17072-1:2019 Others: EN 16711-2:2015	yes
Extractable Antimony, Sb	7440-36-0	<del>baby 30 mg/kg</del> non-baby 30 mg/kg	1.0 mg/kg	Leather: ISO 17072-1:2019 Others: EN 16711-2:2015	yes
Extractable Arsenic, As	7440-38-2	<del>baby 0.2 mg/kg</del> <del>non-baby 1.0 mg/kg</del>	0.1 mg/kg	Leather: ISO 17072-1:2019 Others: EN 16711-2:2015	yes
Extractable Lead, Pb	7439-92-1	baby 0.2 mg/kg non-baby 1.0 mg/kg	0.2 mg/kg	Leather: ISO 17072-1:2019 Others: EN 16711-2:2015	yes
Extractable Cadmium, Cd	7440-43-9	<del>baby 0.1 mg/kg</del> <del>non-baby 0.1 mg/kg</del>	0.05 mg/kg	Leather: ISO 17072-1:2019 Others: EN 16711-2:2015	yes
Extractable Chromium, Cr	7440-47-3	Non Leather: baby 1.0 mg/kg non-baby 2.0 mg/kg Leather: 2 mg/kg	0.5 mg/kg	Leather: ISO 17072-1:2019 Others: EN 16711-2:2015	yes
Extractable Copper, Cu	7440-50-8	baby 25 mg/kg non-baby :50 mg/kg	5.0 mg/kg	Leather: ISO 17072-1:2019 Others: EN 16711-2:2015	yes
Extractable Nickel, Ni	7440-02-0	baby :0.5 mg/kg(metallic accessories and metallized surfaces); 1.0 mg/kg (other) non-baby 1.0 mg/kg	0.1 mg/kg	Leather: ISO 17072-1:2019 Others: EN 16711-2:2015	yes
Extractable Mercury, Hg	7439-97-6	<del>baby 0.02 mg/kg</del> non-baby-0.02 mg/kg	0.02 mg/kg	Leather: ISO 17072-1:2019 Others: EN 16711-2:2015	yes
Extractable Selenium, Se	7782-49-2	baby 100 mg/kg non-baby :500 <del>400</del> mg/kg	50 mg/kg	Leather: ISO 17072-1:2019 Others: EN 16711-2:2015	yes
Extractable Barium, Ba	7440-39-3	<del>baby 1000 mg/kg</del> non-baby-1000 mg/kg	100 mg/kg	Leather: ISO 17072-1:2019 Others: EN 16711-2:2015	yes
Extractable Chromium (VI), CrVI	18540-29-9	Textile: <del>baby:0.5 mg/kg</del> <del>non-baby:1 mg/kg</del> Leather: <del>baby 0.5 mg/kg</del> <del>non-baby- 3 mg/kg</del>	0.5 mg/kg	Textile: EN 16711-2:2015 Leather: ISO 17075-1:2017 with aging confirmation by ISO 17075- 2: 2017 Ageing condition: ISO 10195: 2018 method A2	yes
<b>Heavy metal release - (Non-Jewelry)</b>					
Ni-release	7440-02-0	0.5 µg/cm2/week	0.1 ug/cm2/week	EN 12472:2020 and EN 1811;2023 With AAS, ICP-OES or ICP-MS analysis	yes
<b>Total Heavy metal - (Jewelry)</b>					
Total Lead, Pb	7439-92-1	Substrates, Paints & Coatings: Total: 90 mg/kg	10 mg/kg	ASTM F963-23 as referenced in ASTM F2923:2020	yes
Total Cadmium, Cd	7440-43-9	Substrates, paints & coatings: Children: 40 mg/kg Adults: 75 mg/kg	5 mg/kg	ASTM F963-23 as referenced in ASTM F2923:2020	yes

Extractable HM (Jewelry)					
Extractable Antimony, Sb	7440-36-0	Paint & coatings: 60 ppm	5 mg/kg	ASTM F963-23 as referenced in ASTM F2923:2020	yes
Extractable Arsenic, As	7440-38-2	Paint & coatings: 25 ppm	5 mg/kg	ASTM F963-23 as referenced in ASTM F2923:2020	yes
Extractable Barium, Ba	7440-39-3	Paint & coatings: 1000 ppm	100 mg/kg	ASTM F963-23 as referenced in ASTM F2923:2020	yes
Extractable Chromium, Cr	7440-47-3	Paint & coatings: 60 ppm	5 mg/kg	ASTM F963-23 as referenced in ASTM F2923:2020	yes
Extractable Mercury, Hg	7439-97-6	Paint & coatings: 60 ppm	5 mg/kg	ASTM F963-23 as referenced in ASTM F2923:2020	yes
Extractable Selenium, Se	7782-49-2	Paint & coatings: 500 ppm	50 mg/kg	ASTM F963-23 as referenced in ASTM F2923:2020	yes
Heavy metal release - (Jewelry)					
Ni-release	7440-02-0	Direct and prolong contact with skin: 0.5 µg/cm2/ week; Body piercing: 0.2 µg/cm2/week	0.1 ug/cm2/week	EN 12472:2020 and EN 1811;2023 With AAS, ICP-OES or ICP-MS analysis	yes
11b. Cyanide					
Cyanide	Various	--	--	--	
12. Glycols					
13. PAHs					
Naphthalene	91-20-3	baby: 2mg/kg each;sum of 24 PAHs:5mg/kg non-baby:sum of 18PAHs:10 mg/kg baby 1 mg/kg; non-baby 2 mg/kg Sum of 24 PAHs: baby 1mg/kg Sum of 18 PAHs: non-baby 10 mg/kg	0.1 mg/kg	Footwear: ISO 16190:2021 Other products : AfPS GS 2019:01 PAK	yes
Acenaphthylene	208-96-8	Sum of 24 PAHs: baby 5.4mg/kg Sum of 18 PAHs: non-baby 10 mg/kg	0.1 mg/kg	Footwear: ISO 16190:2021 Other products : AfPS GS 2019:01 PAK	yes
Acenaphthene	83-32-9	Sum of 24 PAHs: baby 5.4mg/kg Sum of 18 PAHs: non-baby 10 mg/kg	0.1 mg/kg	Footwear: ISO 16190:2021 Other products : AfPS GS 2019:01 PAK	yes
Fluorene	86-73-7	Sum of 24 PAHs: baby 5.4mg/kg Sum of 18 PAHs: non-baby 10 mg/kg	0.1 mg/kg	Footwear: ISO 16190:2021 Other products : AfPS GS 2019:01 PAK	yes
Phenanthrene	85-01-8	baby 0.2 mg/kg; non-baby 0.5 mg/kg Sum of 4 PAHs: baby 1 mg/kg Sum of 4 PAHs: non-baby 10 mg/kg Sum of 24 PAHs: baby: 5.4mg/kg Sum of 18 PAHs: non-baby 10 mg/kg	0.1 mg/kg	Footwear: ISO 16190:2021 Other products : AfPS GS 2019:01 PAK	yes
Anthracene	120-12-7	baby 0.2 mg/kg; non-baby 0.5 mg/kg Sum of 4 PAHs: baby 1 mg/kg Sum of 4 PAHs: non-baby 10 mg/kg	0.1 mg/kg	Footwear: ISO 16190:2021 Other products : AfPS GS 2019:01 PAK	yes

		Sum of 24 PAHs: baby: 5.4 mg/kg Sum of 18 PAHs: non-baby 10 mg/kg			
Fluoranthene	206-44-0	Sum of 24 PAHs: baby: 5.4 mg/kg Sum of 18 PAHs: non-baby 10 mg/kg <del>baby 0.2 mg/kg; non-baby 0.5 mg/kg</del> <del>Sum of 4 PAHs: baby 1 mg/kg</del> <del>Sum of 4 PAHs: non-baby 10 mg/kg</del>	0.1 mg/kg	Footwear: ISO 16190:2021 Other products : AfPS GS 2019:01 PAK	yes
Pyrene	129-00-0	Sum of 24 PAHs: baby: 5.4 mg/kg Sum of 18 PAHs: non-baby 10 mg/kg <del>baby 0.2 mg/kg; non-baby 0.5 mg/kg</del> <del>Sum of 4 PAHs: baby 1 mg/kg</del> <del>Sum of 4 PAHs: non-baby 10 mg/kg</del>	0.1 mg/kg	Footwear: ISO 16190:2021 Other products : AfPS GS 2019:01 PAK	yes
Indeno[1,2,3-cd]pyrene	193-39-5	Sum of 24 PAHs: baby: 5.4 mg/kg Sum of 18 PAHs: non-baby 10 mg/kg	0.1 mg/kg	Footwear: ISO 16190:2021 Other products : AfPS GS 2019:01 PAK	yes
Benzo[ghi]perylene	191-24-2	Sum of 24 PAHs: baby: 5.4 mg/kg Sum of 18 PAHs: non-baby 10 mg/kg	0.1 mg/kg	Footwear: ISO 16190:2021 Other products : AfPS GS 2019:01 PAK	yes
Benzo-[a]-anthracene(BaA)	56-55-3	Sum of 24 PAHs: baby: 5.4 mg/kg Sum of 18 PAHs: non-baby 10 mg/kg <del>baby &amp; childcare: 0.5 mg/kg</del> <del>non-baby: 1 mg/kg</del> <del>baby 0.2 mg/kg; non-baby 0.5 mg/kg</del>	0.1 mg/kg	Footwear: ISO 16190:2021 Other products : AfPS GS 2019:01 PAK	yes
Chrysene(CHR)	218-01-9	Sum of 24 PAHs: baby: 5.4 mg/kg Sum of 18 PAHs: non-baby 10 mg/kg <del>baby &amp; childcare: 0.5 mg/kg</del> <del>non-baby: 1 mg/kg</del> <del>baby 0.2 mg/kg; non-baby 0.5 mg/kg</del>	0.1 mg/kg	Footwear: ISO 16190:2021 Other products : AfPS GS 2019:01 PAK	yes
Benzo-[a]-pyrene (BaP)	50-32-8	Sum of 24 PAHs: baby: 5.4 mg/kg Sum of 18 PAHs: non-baby 10 mg/kg <del>baby &amp; childcare: 0.5 mg/kg</del> <del>non-baby: 1 mg/kg</del> <del>baby 0.2 mg/kg; non-baby 0.5 mg/kg</del>	0.1 mg/kg	Footwear: ISO 16190:2021 Other products : AfPS GS 2019:01 PAK	yes
Dibenzo-[a,h]-anthracene (DBAhA)	53-70-3	Sum of 24 PAHs: baby: 5.4 mg/kg Sum of 18 PAHs: non-baby 10 mg/kg <del>baby &amp; childcare: 0.5 mg/kg</del> <del>non-baby: 1 mg/kg</del> <del>baby 0.2 mg/kg; non-baby 0.5 mg/kg</del>	0.1 mg/kg	Footwear: ISO 16190:2021 Other products : AfPS GS 2019:01 PAK	yes
Benzo-[b]-fluoranthene(BbFA)	205-99-2	Sum of 24 PAHs: baby: 5.4 mg/kg Sum of 18 PAHs: non-baby 10 mg/kg <del>baby &amp; childcare: 0.5 mg/kg</del> <del>non-baby: 1 mg/kg</del> <del>baby 0.2 mg/kg; non-baby 0.5 mg/kg</del>	0.1 mg/kg	Footwear: ISO 16190:2021 Other products : AfPS GS 2019:01 PAK	yes
Benzo-[k]-fluoranthene(BkFA)	207-08-9	Sum of 24 PAHs: baby: 5.4 mg/kg Sum of 18 PAHs: non-baby 10 mg/kg <del>baby &amp; childcare: 0.5 mg/kg</del> <del>non-baby: 1 mg/kg</del> <del>baby 0.2 mg/kg; non-baby 0.5 mg/kg</del>	0.1 mg/kg	Footwear: ISO 16190:2021 Other products : AfPS GS 2019:01 PAK	yes

		Sum of 24 PAHs: baby: 5.4 mg/kg Sum of 18 PAHs: non-baby 10 mg/kg			
Benzo-[e]-pyrene(BeP)	192-97-2	baby & childcare: 0.5 mg/kg non-baby: 1 mg/kg <del>baby 0.2 mg/kg; non-baby 0.5 mg/kg</del> Sum of 24 PAHs: baby: 5.4 mg/kg Sum of 18 PAHs: non-baby 10 mg/kg	0.1 mg/kg	Footwear: ISO 16190:2021 Other products : AfPS GS 2019:01 PAK	yes
Benzo-[j]-fluoranthene(BjFA)	205-82-3	baby & childcare: 0.5 mg/kg non-baby: 1 mg/kg <del>baby 0.2 mg/kg; non-baby 0.5 mg/kg</del> Sum of 24 PAHs: baby: 5.4 mg/kg Sum of 18 PAHs: non-baby 10 mg/kg	0.1 mg/kg	Footwear: ISO 16190:2021 Other products : AfPS GS 2019:01 PAK	yes
Cyclopenta[c,d]pyrene	27208-37-3	Baby: Sum of 24 PAHs: 5.4 mg/kg	0.1 mg/kg	Footwear: ISO 16190:2021 Other products : AfPS GS 2019:01 PAK	
Dibenzo-[a,e]pyrene	192-65-4	Baby: Sum of 24 PAHs: 5.4 mg/kg	0.1 mg/kg	Footwear: ISO 16190:2021 Other products : AfPS GS 2019:01 PAK	
Dibenzo-[a,h]pyrene	189-64-0	Baby: Sum of 24 PAHs: 5.4 mg/kg	0.1 mg/kg	Footwear: ISO 16190:2021 Other products : AfPS GS 2019:01 PAK	
Dibenzo-[a,i]pyrene	189-55-9	Baby: Sum of 24 PAHs: 5.4 mg/kg	0.1 mg/kg	Footwear: ISO 16190:2021 Other products : AfPS GS 2019:01 PAK	
Dibenzo-[a,l]pyrene	191-30-0	Baby: Sum of 24 PAHs: 5.4 mg/kg	0.1 mg/kg	Footwear: ISO 16190:2021 Other products : AfPS GS 2019:01 PAK	
1-Methylpyrene	2381-21-7	Baby: Sum of 24 PAHs: 5.4 mg/kg	0.1 mg/kg	Footwear: ISO 16190:2021 Other products : AfPS GS 2019:01 PAK	
<b>14. Pesticides</b>					
2-(2,4,5-trichlorophenoxy) propanoic acid, its salts and compounds (2,4,5-TP)	93-72-1	baby: 0.5 mg/kg ( <del>sum</del> ) non-baby: 1 mg/kg ( <del>sum</del> )	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
2,4,5-T	93-76-5	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) + mg/kg ( <del>sum</del> )	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
2,4,-D	94-75-7	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) + mg/kg ( <del>sum</del> )	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-	yes

				ECD, GC-NPD & HPLC-DAD-MSD.	
Acetamiprid	135410-20-7 160430-64-8	baby: 0.5 mg/kg (sum) <del>non-baby: 1 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	
AEEA [2-(2-aminoethylamino)ethanol]	111-41-1	--	--	--	
Aldicarb	116-06-3	baby: 0.5 mg/kg (sum) <del>non-baby: 1 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	
Aldrine	309-00-2	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>1 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Alphamethrin	67375-30-8	baby: 0.5 mg/kg (sum)	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	
Azinophosethyl	2642-71-9	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>1 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Azinophosmethyl	86-50-0	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>1 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Borate, zinc salt	12767-90-7	--	--	--	
Bromophos-ethyl	4824-78-6	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>1 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Captafol	2425-06-1	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>1 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes

Carbaryl	63-25-2	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>4 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Carbensazim	10605-21-7	baby: 0.5 mg/kg (sum) non-baby: <del>1 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	
Chlordane	57-74-9	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>4 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Chlordimeform	6164-98-3	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>4 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Chlorfenvinphos	470-90-6	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>4 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Chlorbenzilat	510-15-6	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>4 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Chlorthalonil	1897-45-6	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>4 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Clothianidin	210880-92-5	baby: 0.5 mg/kg (sum) non-baby: <del>1 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	
Coumaphos	56-72-4	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>4 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes

Cyfluthrin	68359-37-5	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>4 mg/kg</del> (sum)	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Cyhalothrin	91465-08-6	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>4 mg/kg</del> (sum)	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Cypermethrin	52315-07-8	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>4 mg/kg</del> (sum)	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
DDD	53-19-0, 72-54-8	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>4 mg/kg</del> (sum)	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
DDE	3424-82-6, 72-55-9	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>4 mg/kg</del> (sum)	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
DDT	50-29-3, 789-02-6	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>4 mg/kg</del> (sum)	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
DEF (S,S,S-Tributyl phosphorotrithioate (Tribufos))	78-48-8	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>4 mg/kg</del> (sum)	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Deltamethrin	52918-63-5	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>4 mg/kg</del> (sum)	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Diazinone	333-41-5	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>4 mg/kg</del> (sum)	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes

Dichlofluanid	1085-98-9	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>4 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Dichlorophene	97-23-4	baby: 0.5 mg/kg (sum) <del>non-baby: 1 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	
Dichloroprop	120-36-5	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>4 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Dicofol	115-32-2	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>4 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Dicrotophos	141-66-2	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>4 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Dieldrine	60-57-1	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>4 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Dimethoate	60-51-5	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>4 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Dinoseb and its salts	88-85-7	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>4 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Dinotefuran	165252-70-0	baby: 0.5 mg/kg (sum) <del>non-baby: 1 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	

DTTB (4, 6-Dichloro-7 (2,4,5-trichlorophenoxy) -2-Trifluoro methyl benz imidazole)	63405-99-2	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>4 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Endosulfan	115-29-7	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>4 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Endosulfan I (alpha)	959-98-8	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>4 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Endosulfan II (beta)	33213-65-9	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>4 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Endrine	72-20-8	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>4 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Esfenvalerate	66230-04-4	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>4 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Ethylendibromid	106-93-4	<del>baby: 0.5 mg/kg (sum)</del> <del>non-baby: 4 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Fenvalerate	51630-58-1	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>4 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Halogenated biphenyls, including polychlorinatedbiphenyl (PCB)	-	--	--		
Halogenated diarylalkanes	-	--	--		
Halogenated diphenyl methanes, including Monomethyl-dibromo-diphenyl methane,	99688-47-8 / 81161-70-8 / 76253-60-6	--	--		

Monomethyl-dichloro-diphenyl methane, and Monomethyl-tetrachloro-diphenyl methane					
Halogenated naphthalenes, including polychlorinated naphthalenes (PCNs)	-	<p style="color: red;">baby: 0.5 mg/kg (sum)</p> <p style="color: red;">non-baby: 1 mg/kg (sum)</p>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Halogenated terphenols, including polychlorinated terphenyl (PCT)	-	--	--		
Heptachlor	76-44-8	<p>baby: 0.5 mg/kg (sum)</p> <p>non-baby: 0.5 mg/kg (each) <del>4 mg/kg (sum)</del></p>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Heptachloroepoxide	1024-57-3 28044-83-9	<p>baby: 0.5 mg/kg (sum)</p> <p>non-baby: 0.5 mg/kg (each) <del>4 mg/kg (sum)</del></p>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Hexabromobiphenyl	36355-01-8	0.5 mg/kg	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Hexachlorobenzene	118-74-1	<p>baby: 0.5 mg/kg (sum)</p> <p>non-baby: 0.5 mg/kg (each) <del>4 mg/kg (sum)</del></p>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Hexachlorocyclohexane, $\alpha$ -, with and without Lindane	319-84-6	<p>baby: 0.5 mg/kg (sum)</p> <p>non-baby: 0.5 mg/kg (each) <del>4 mg/kg (sum)</del></p>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Hexachlorocyclohexane, $\beta$ -, with and without Lindane	319-85-7	<p>baby: 0.5 mg/kg (sum)</p> <p>non-baby: 0.5 mg/kg (each) <del>4 mg/kg (sum)</del></p>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Hexachlorocyclohexane, $\delta$ -, with and without Lindane	319-86-8	<p>baby: 0.5 mg/kg (sum)</p> <p>non-baby: 0.5 mg/kg (each) <del>4 mg/kg (sum)</del></p>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes

Imidacloprid	105827-78-9 138261-41-3	baby: 0.5 mg/kg (sum) <del>non-baby: 1 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	
Isodrine	465-73-6	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>1 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Kelevane	4234-79-1	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>1 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Kepone	143-50-0	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>1 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Lead hydrogen arsenate	7784-40-9	--	--	--	
Lindane	58-89-9	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>1 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Malathion	121-75-5	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>1 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
MCPA	94-74-6	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>1 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
MCPB	94-81-5	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>1 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Mecoprop	93-65-2	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>1 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-	yes

				ECD, GC-NPD & HPLC-DAD-MSD.	
Metam-sodium	137-42-8	--	--	--	
Methamidophos	10265-92-6	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>4 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Methoxychlor	72-43-5	0.01 mg/kg	0.01 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Mirex	2385-85-5	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>4 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Monocrotophos	6923-22-4	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>4 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Nitenpyram	150824-47-8 120738-89-8	baby: 0.5 mg/kg (sum) <del>non-baby: 4 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	
Parathion (Ethylparathione)	56-38-2	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>4 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Parathion-methyl	298-00-0	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>4 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Pentabromobenzene	608-90-2	--	--	--	
Pentachloroanisole	1825-21-4	<del>baby: 0.5 mg/kg (sum)</del> <del>non-baby: 4 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Permethrin	52645-53-1	--	--	--	

Perthane	72-56-0	baby: 0.5 mg/kg (sum) non-baby: <del>0.5 mg/kg (each)</del> <del>4 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Phosdrin/Mevinphos	7786-34-7	baby: 0.5 mg/kg (sum) non-baby: <del>0.5 mg/kg (each)</del> <del>4 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Phosphamidone	13171-21-6	baby: 0.5 mg/kg (sum) <del>non-baby: 1 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	
Profenophos	41198-08-7	baby: 0.5 mg/kg (sum) non-baby: <del>0.5 mg/kg (each)</del> <del>4 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Propetamphos	31218-83-4	baby: 0.5 mg/kg (sum) non-baby: <del>0.5 mg/kg (each)</del> <del>4 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Quinalphos	13593-03-8	baby: 0.5 mg/kg (sum) non-baby: <del>0.5 mg/kg (each)</del> <del>4 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Quintozene	82-68-8	<del>baby: 0.5 mg/kg (sum)</del> <del>non-baby: 1 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Silafluofen	105024-66-6	baby: 0.5 mg/kg (sum) <del>non-baby: 1 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	
Silica (particles of respirable size)	14464-46-1	--	--	--	
Strobane	8001-50-1	baby: 0.5 mg/kg (sum) non-baby: <del>0.5 mg/kg (each)</del> <del>4 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-	yes

				ECD, GC-NPD & HPLC-DAD-MSD.	
Telodrine	297-78-9	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>4 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Thiacloprid	111988-49-9	baby: 0.5 mg/kg (sum) <del>non-baby: 1 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	
Thiamethoxam	153719-23-4	baby: 0.5 mg/kg (sum) <del>non-baby: 1 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	
Thiourea	62-56-6	--	--	--	
Tolyfluanid	731-27-1	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>4 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Toxaphene	8001-35-2	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>4 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Triclosan	3380-34-5	--	--	--	
Triazophos	24017-47-8	baby: 0.5 mg/kg (sum)	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	
Trifluraline	1582-09-8	baby: 0.5 mg/kg (sum) non-baby: 0.5 mg/kg (each) <del>4 mg/kg (sum)</del>	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	yes
Glyphosate and salts	1071-83-6 38641-94-0 70901-12-1 40465-66-5	baby: 5 mg/kg	0.5 mg/kg	With reference to USEPA Method 8081B, 3620B, 3630C. Analysis was conducted by GC-MS, GC-ECD, GC-NPD & HPLC-DAD-MSD.	
<b>15. Formaldehyde</b>					

Formaldehyde	50-00-0	baby: <b>tetile:16 mg/kg leather:10 mg/kg</b> non-baby: 75 mg/kg	5 mg/kg	All materials except leather: JIS L 1041-2011 A / EN ISO 14184-1:2011 Leather: EN ISO 17226-2:2019 with EN ISO 17226-1:2021 confirmation, alternatively EN ISO 17226-1:2021 can be used on its own	yes
<b>16. Nitrosamines</b>					
N-nitrosodimethylamine (NDMA)	62-75-9	baby:0.5 mg/kg each; 5mg/kg sum non-baby:0.5 mg/kg each	0.5 mg/kg	EN ISO 19577:2019 with LC/MS/MS verification if positive	yes
N-nitrosodiethylamine (NDEA)	55-18-5	baby:0.5 mg/kg each; 5mg/kg sum non-baby:0.5 mg/kg each	0.5 mg/kg	EN ISO 19577:2019 with LC/MS/MS verification if positive	yes
N-nitrosodipropylamine (NDPA)	621-64-7	baby:0.5 mg/kg each; 5mg/kg sum non-baby:0.5 mg/kg each	0.5 mg/kg	EN ISO 19577:2019 with LC/MS/MS verification if positive	yes
N-nitrosodibutylamine (NDBA)	924-16-3	baby:0.5 mg/kg each; 5mg/kg sum non-baby:0.5 mg/kg each	0.5 mg/kg	EN ISO 19577:2019 with LC/MS/MS verification if positive	yes
N-nitrosopiperidine (NPIP)	100-75-4	baby:0.5 mg/kg each; 5mg/kg sum non-baby:0.5 mg/kg each	0.5 mg/kg	EN ISO 19577:2019 with LC/MS/MS verification if positive	yes
N-nitrosopyrrolidine (NPYR)	930-55-2	baby:0.5 mg/kg each; 5mg/kg sum non-baby:0.5 mg/kg each	0.5 mg/kg	EN ISO 19577:2019 with LC/MS/MS verification if positive	yes
N-nitrosomorpholine (NMOR)	59-89-2	baby:0.5 mg/kg each; 5mg/kg sum non-baby:0.5 mg/kg each	0.5 mg/kg	EN ISO 19577:2019 with LC/MS/MS verification if positive	yes
N-nitroso-N-methylaniline (NMPHA)	614-00-6	baby:0.5 mg/kg each; 5mg/kg sum non-baby:0.5 mg/kg each	0.5 mg/kg	EN ISO 19577:2019 with LC/MS/MS verification if positive	yes
N-nitroso-N-ethylaniline	612-64-6	baby:0.5 mg/kg each; 5mg/kg sum non-baby:0.5 mg/kg each	0.5 mg/kg	EN ISO 19577:2019 with LC/MS/MS verification if positive	yes
N-nitrosodibenzylamine	5336-53-8	baby: 0.5 mg/kg each; 5mg/kg sum	0.5 mg/kg	EN ISO 19577:2019 with LC/MS/MS verification if positive	
N-nitrosodiethanolamine	1116-54-7	baby: 0.5 mg/kg each; 5mg/kg sum	0.5 mg/kg	EN ISO 19577:2019 with LC/MS/MS verification if positive	
N-nitrosodiisobutylamine	997-95-5	baby: 0.5 mg/kg each; 5mg/kg sum	0.5 mg/kg	EN ISO 19577:2019 with LC/MS/MS verification if positive	
N-nitrosodiisononylamine	1207995-62-7	baby: 0.5 mg/kg each; 5mg/kg sum	0.5 mg/kg	EN ISO 19577:2019 with LC/MS/MS verification if positive	
N-nitrosodiisopropylamine	601-77-4	baby: 0.5 mg/kg each; 5mg/kg sum	0.5 mg/kg	EN ISO 19577:2019 with LC/MS/MS verification if positive	
N-nitrosomethylethylamine	10595-95-6	baby: 0.5 mg/kg each; 5mg/kg sum	0.5 mg/kg	EN ISO 19577:2019 with LC/MS/MS verification if positive	
<b>17. Others</b>					
Diazene-1,2-dicarboxamide [C,C`-azodi(formamide), ADCA]	123-77-3	baby: 1000 mg/kg	100 mg/kg	in house method with HPLC-DAD detection	
Dimethyl Fumarate (DMFU)	624-49-7	0.1mg/kg	0.1 mg/kg	ISO 16186:2021	yes

o-Phenylphenol (OPP)	90-43-7	Baby: Non-leather: 10 mg/kg Leather: 250 mg/kg Non-baby: 1000 mg/kg	Textile: 0.5 mg/kg Leather: 10 mg/kg	Textile: EN 17134-2:2023 Leather: ISO 13365-1:2020	yes
4-chloro-3-methylphenol (CMC)	59-50-7	Baby: Leather: 150 mg/kg	10 mg/kg	Leather: ISO 13365-1:2020	
2-Thio-cyanato-methyl-thiobenzo-thiazole (TCMTB)	21564-17-0	Baby: Leather: 250 mg/kg	10 mg/kg	Leather: ISO 13365-1:2020	
2-n-Octyl-4-isothiazolin-3-one (OIT)	26530-20-1	Baby: Leather: 50 mg/kg	10 mg/kg	Leather: ISO 13365-1:2020	
Bisphenol-A	80-05-7	baby:Items intended to come in contact with the mouth:1 mg/kg; other:10mg/kg non-baby:Textiles & Leather:10mg/kg Items intended to come in contact with the mouth:1mg/kg Polycarbonate Materials: 100 mg/kg Other Materials: 200 mg/kg	0.1 mg/kg	All other materials: AFIRM method Leather: EN ISO 11936:2023	yes
Bisphenol-B	77-40-7	Textiles and other material : 200 mg/kg each Leather: <del>500-800</del> mg/kg each <del>Other materials:1000 mg/kg each</del>	1 mg/kg Leather:10 mg/kg	All other materials: AFIRM method Leather: EN ISO 11936:2023	yes
Bisphenol S	80-09-1	Textiles and other material : 200 mg/kg each Leather: <del>500-800</del> mg/kg each <del>Other materials:1000 mg/kg each</del>	1 mg/kg Leather:10 mg/kg	All other materials: AFIRM method Leather: EN ISO 11936:2023	yes
Bisphenol F	620-92-8	Textiles and other material : 200 mg/kg each Leather: <del>500-800</del> mg/kg each <del>Other materials:1000 mg/kg each</del>	1 mg/kg Leather:10 mg/kg	All other materials: AFIRM method Leather: EN ISO 11936:2023	yes
Bisphenol AF	1478-61-1	baby: textile:200 mg/kg leather:800 mg/kg <del>1000mg/kg</del>	1 mg/kg Leather:10 mg/kg	All other materials: AFIRM method Leather: EN ISO 11936:2023	-
2,2'-Methylene bis(4-methyl-6-tert-butylphenol)	119-47-1	Baby: 1000 mg/kg	100 mg/kg	All other materials: AFIRM method Leather: EN ISO 11936:2023	-
Phenol	108-95-2	Baby:textile: 20 mg/kg leather: 100 mg/kg	5 mg/kg	Solvent Extraction With HPLC-DAD analysis	
Styrene	100-42-5	500 mg/kg	1 mg/kg	Extraction in Methanol GC/MS, sonication at 60° C for 60 minutes	yes
Vinyl Chloride	75-01-4	1 mg/kg	1 mg/kg	EN ISO 6401:2022	yes
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	--	--	--	
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)					
Quinoline	91-22-5	50 mg/kg	10 mg/kg	DIN 54231 :2022	yes
Methylisothiazolinone (MIT)	2682-20-4	--	--	--	
2-Octylisothiazol-3(2H)-on	26530-20-1	--	--	--	
2-Mercaptobenzothiazol (2-MBT)	149-30-4	Baby: 1000 mg/kg	100 mg/kg	Solvent Extraction With LC-MS analysis	
Bis(alpha,alpha-dimethylbenzyl)peroxide	80-43-3	Baby: 1000 mg/kg	500 mg/kg	Solvent Extraction With LC-MS analysis	
Resorcinol	108-46-3	Baby: 1000 mg/kg	500 mg/kg	Solvent Extraction With LC-MS analysis	
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)		Baby: 1000 mg/kg	500 mg/kg	Solvent Extraction With LC-MS analysis	
Bis(4-chlorophenyl)sulphone	80-07-9	Baby: 1000 mg/kg	500 mg/kg	Solvent Extraction With GC-MS analysis	
Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	Baby : 1000 mg/kg	500 mg/kg	Solvent Extraction With GC-MS analysis	
Melamine	108-78-1	Baby : 1000 mg/kg	100 mg/kg	Solvent Extraction With LC-MS analysis	
N-(hydroxymethyl)acrylamide	924-42-5	Baby: 1000 mg/kg	100 mg/kg	MeOH Extraction With LC-MS analysis	
Tris(2-methoxyethoxy) vinylsilane	1067-53-4	BABY: 1000 mg/kg	100 mg/kg	Solvent Extraction With LC-MS analysis	
Perboric acid, sodium salt	Multiple, including 11138-47-9, 15120-21-5, 7632-04-04, 16940-66-2, 13517-20-9, 125022-34-6, 90568-23-3				
Titanium dioxide particles have aerodynamic diameter ≤10 µm.	13463-67-7				
Polyethoxylated tallow amine	61791-26-2				
Potassium permanganate	7722-64-7				
Cadmium chloride	10108-64-2	--	--	--	
<b>18. VOCs emissions : Volatile Organic Compounds</b>					
Formaldehyde	50-00-0	--	--	--	
Toluene	108-88-3	--	--	--	
Vinylcyclohexene	100-40-3	--	--	--	

4-Phenylcyclohexene	4994-16-5	--	--	--	
Butadiene	106-99-0	--	--	--	
Vinylchloride	75-01-4				
Styrene	100-42-5				
Aromatic Hydrocarbons		--	--	--	
Organic Volatiles	-	--	--	--	
<b>19. pH value</b>					
pH value	-	Textile: 4.0-7.5 Leather: Chrome-tanned:3.2 – 5.5 Other: 3.5 – 7.5	--	Textile & Artificial Leather: ISO 3071:2020 Leather: EN ISO 4045:2018	yes
<b>20. UV stabilizers</b>					
2-(2-hydroxy-3,5-di-tert-butylphenyl)-benzotriazole (UV 320)	3846-71-7	baby:100 mg/kg non-baby: 1000 mg/kg	100 mg/kg	AFIRM method	yes
2-(2-hydroxy-3,5-di-t-butylphenyl)-5-chlorobenzotriazol (UV 327)	3864-99-1	baby:100 mg/kg non-baby: 1000 mg/kg			yes
2-(2-hydroxy-3-sec-butyl-5-tert-butylphenyl)benzotriazole (UV 350)	36437-37-3	baby:100 mg/kg non-baby: 1000 mg/kg			yes
2-(2-hydroxy-3,5-di-tert-pentylphenyl)benzotriazole (UV 328)	25973-55-1	baby: 1 mg/kg no-baby:100-1000 mg/kg	1 mg/kg		yes
Bumetrizole (UV-326)	3896-11-5	baby:100 mg/kg non-baby: 1000 mg/kg	100 mg/kg	AFIRM method	yes
2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)	3147-75-9	baby: 100 mg/kg non-baby: 1000 mg/kg	100mg/kg	In house method, GC-MS	yes
Drometrizole	2440-22-4	Information only	100 mg/kg	In house method, GC-MS	yes
<b>21. Isocyanates</b>					
Diphenylmethane diisocyanate (MDI)	101-68-8	--	--	--	
Hexamethylene diisocyanate (HDI)	822-06-0	--	--	--	
Isophorone diisocyanate (IPDI)	4098-71-9	--	--	--	
Tetramethylxylene diisocyanate (TMXDI)	2778-42-9	--	--	--	
Toluene 2,4-diisocyanate (2,4-TDI)	584-84-9	--	--	--	
Toluene 2,6-diisocyanate (2,6-TDI)	91-08-7	--	--	--	
Naphthylene-1,5,di-isocyanate(1,5-NDI)	3173-72-6	--	--	--	
<b>22. EU REACH SVHC</b>					
<a href="#">See SVHC substance list</a>	Various	1000 mg/kg	100 mg/kg	Screening method	
<b>23. Siloxanes</b>					
Octamethylcyclotetrasiloxane (D4)	556-67-2	1000 mg/kg	100 mg/kg	AFIRM method'	yes
Decamethylcyclopentasiloxane (D5)	541-02-6	1000 mg/kg	100 mg/kg	AFIRM method'	yes
Dodecamethylcyclohexasiloxane (D6)	540-97-6	1000 mg/kg	100 mg/kg	AFIRM method'	yes
Octamethyltrisiloxane	107-51-7	Baby: 1000 mg/kg	100 mg/kg	in house method,analysis with GCMS	

Decamethyltetrasiloxane	141-62-8	Baby: 1000 mg/kg	100 mg/kg	in house method, analysis with GCMS	
1,1,1,3,5,5,5-Heptamethyl-3-[(trimethylsilyl)oxy]trisiloxane	17928-28-8	Baby: 1000 mg/kg	100 mg/kg	in house method, analysis with GCMS	
<b>24. Fluorinated Greenhouse Gases</b>					
See Regulation (EU) No 2024/573 for a complete list.		0.1 mg/kg	0.1 mg/kg	Sample preparation: Purge and trap — thermal desorption or SPME Measurement: GC/MS	yes
<b>25. Ozone-depleting Substances</b>					
See Regulation (EC) No 2024/590 for a complete list		n.d.	5 mg/kg	All materials: GC/MS headspace 120 degrees C for 45 minutes	yes
<b>26. Endocrine Disrupting Chemicals</b>					
1,3-Benzenediol	108-46-3	0.1%	0.05%	in house method, LC-MS	
Mancozeb	8018-01-7	0.1%	0.05%	in house method, ICP-OES	
cholecalciferol	67-97-0	0.1%	0.05%	in house method, LC-MS	

※「Information only」は、情報収集のみを目的としており要求基準値はありません。含有状況を確認しておくことが推奨される物質です。

※「PFAS」物質はあくまで一例でありこの限りではありません。

## 追加要求事項

上記の表で要求されている特定の有害化学物質のほかに、生産においてファーストリテイリングが必要とするいくつかの追加要求事項があります。これらには、アスベスト、PVC 材料に関する制限等が含まれます。以下のセクションで詳細を説明します。

### 1. アスベスト

アスベストの使用は、多くの国や地域において、発がん物質として国内法で禁止されています。アスベストは、スレート、断熱材および保温材に使用されており、アスベスト粒子が人体によって吸入された場合に、肺線維症、悪性中皮腫および肺がんの根本的原因となる可能性があることがわかっています。アスベストが施設内で使用されると、従業員や周囲の環境に深刻な健康影響を与える可能性があります。アスベストは非常に危険な物質であるため、有資格の専門家による調査および処理が必要です。アスベストを含む材料が確認された場合、以下の対策を講じる必要があります。

- 使用されているアスベストの場所を記録し、適切かつ目に見えるようにマークする必要があります。その後の悪影響を防ぐための対策を講じる必要があります。
- 処分が完了するまで潜在的な悪影響をチェックするための目視検査を行ってください。
- アスベストの認知度を高め、アスベストの悪影響が見つかった場合の対応策を習得するために、従業員は訓練を受けなければなりません。
- 廃棄は関連法に従って行わなければなりません。
- 悪影響を起こすアスベストは、資格のある業者によって処理されなければなりません。

### 2. PVC 素材

ファーストリテイリングは、すべての FR 商品（コンポーネントを含む）での PVC 素材の使用を禁止しています。PVC は広く使用されている熱可塑性ポリマーであり、それは可塑剤の添加によってより柔軟性をもたせることができます。最も広く使用されている可塑剤はフタル酸エステル類です。アパレル業界では、PVC 素材は一般にコート、ジャケット、エプロン、バッグに使用されています。ファーストリテイリングは、以下の理由により PVC 素材を禁止しています。

- 多くのフタル酸エステル類は生殖毒性があることが知られており、先天性異常またはホルモンレベルの変化を引き起こす可能性があります。2013 年のファーストリテイリングのコミットメントにおいても、フタル酸エステル類は 11 の優先的に廃絶すべき有害化学物質のうちのひとつです。
- 塩化ビニル製造の副産物として、また家庭ごみ中の廃 PVC の焼却によって、ダイオキシンが生成されると言われています。

## Appendix 1. 想定される使用用途

Chemical Group	Potential Uses
1. APs / APEOs	<p>APEOs can be found as or found in detergents, scouring agents, spinning oils, wetting agents, softeners, emulsifying/dispersing agents for dyes and prints, impregnating agents, de-gumming for silk production, dyes and pigment preparations, polyester padding and down/feather fillings.</p> <p>APs are used as intermediaries in the manufacture of APEOs and antioxidants used to protect or stabilize polymers. Biodegradation of APEOs into APs is the main source of APs in the environment.</p> <p>APEOs and formulations containing APEOs are prohibited from use throughout supply chain and manufacturing processes. We acknowledge that residual or trace concentrations of APEOs may still be found at levels exceeding 100 ppm and that more time is necessary for the supply chain to phase them out completely. This limit covers EU legislation restricting NPEOs, effective 3 February 2021, and provides advance warning to suppliers.</p>
2. Phthalates (ortho-Phthalates)	<p>Esters of ortho-phthalic acid (Phthalates) are a class of organic compound commonly added to plastics to increase flexibility. They are sometimes used to facilitate the molding of plastic by decreasing its melting temperature.</p> <p>Phthalates can be found in: flexible plastic components (e.g., PVC); print pastes; adhesives; plastic buttons; plastic sleeveings; and polymeric coatings.</p>
3a. Brominated Flame Retardants 3b. Chlorinated Flame Retardants	<p>With very limited exceptions, flame-retardant chemicals, including the entire class of Organohalogen flame retardants, should no longer be applied to materials during production. The examples of flame-retardant substances listed here have been used historically across the footwear and apparel industry.</p>
4a. Azo Dyes	<p>Azo dyes and pigments are colorants that incorporate one or several azo groups (-N=N-) bound with aromatic compounds. Thousands of azo dyes exist, but only those which degrade to form the listed cleavable amines are restricted. Azo dyes that release these amines are regulated and should no longer be used for dyeing textiles.</p>
4c. Navy Blue	<p>Navy blue colorants are regulated and prohibited from use for dyeing of textiles. Index 611-070-00-2</p>
4d. Disperse & Carcinogenic Dyes	<p>Disperse dyes are a class of water-insoluble dyes that penetrate the fiber system of synthetic or manufactured fibers and are held in place by physical forces without forming chemical bonds. Disperse dyes are used in synthetic fiber (e.g., polyester, acetate, polyamide). Restricted disperse dyes are suspected of causing allergic reactions and are prohibited from use for dyeing of textiles.</p>
5. Organotin Compounds	<p>Class of chemicals combining tin and organics such as butyl and phenyl groups. Organotins are predominantly found in the environment as antifoulants in marine paints, but they can also be used as biocides (e.g., antibacterials), catalysts in plastic and glue production, and heat stabilizers in plastics/rubber. In textiles and apparel, organotins are associated with plastics/rubber, inks, paints, metallic glitter, polyurethane products and heat transfer material.</p>

Chemical Group	Potential Uses
<b>6. PFCs</b>	PFOA and PFOS may be present as unintended byproducts in long-chain and short-chain commercial water-, oil-, and stain-repellent agents. PFOA may also be used in polymers like Polytetrafluoroethylene (PTFE). The area-based limit for PFOA will be superseded by Commission Regulation (EU) 2017/1000 and removed in 2023. Refer to Appendix A for the full list of substances and CAS Numbers included in this restriction. In addition to this list, all PFOA-related substances are prohibited from use
<b>7. COC (Chlorobenzenes/Chlorotoluenes)</b>	Chlorobenzenes and Chlorotoluenes (Chlorinated Aromatic Hydrocarbons) can be found as carriers in the dyeing process of polyester or wool/ polyester fibers. They can also be used as solvents.
<b>8a. Halogenated Solvents / VOCs</b>	These VOCs should not be used in textile auxiliary chemical preparations. They are associated with solvent-based processes such as solvent-based polyurethane coatings and glues/adhesives. They should not be used for any kind of facility cleaning or spot cleaning.
<b>8b. Other Solvents</b>	DMFa: Solvent used in plastics, rubber, and polyurethane (PU) coating. Water-based PU does not contain DMFa and is therefore preferable. DMAC: Solvent used in the production of elastane fibers and sometimes as substitute for DMFa NMP: Industrial solvent used in production of water-based Polyurethanes and other polymeric materials. May also be used as a surface treatment for textiles, resins, and metal-coated plastics, or as a paint stripper. Formamide: Byproduct in the production of EVA foams.
<b>9. Chlorinated Phenols / OPP</b>	OPP is used for its preservative properties in leather or as a carrier in polyester dyeing processes.
<b>10. Chlorinated Paraffins (SCCP / MCCP)</b>	May be used as softeners, flame retardants, or fat-liquoring agents in leather production; also as a plasticizer in polymer production.
<b>11. Heavy Metals</b>	Total Cadmium, Cd: Cadmium compounds may be used as pigments (especially in red, orange, yellow and green); as a stabilizer for PVC; and in fertilizers, biocides, and paints. Total Lead, Pb: May be associated with alloys, plastics, paints, inks, pigments and surface coatings. Total Mercury, Hg: Mercury compounds can be present in pesticides and as contaminants in caustic soda (NaOH). They may also be used in paints. Total Arsenic, As: Arsenic and its compounds can be found in preservatives, pesticides, and defoliants for cotton, synthetic fibers, paints, inks, trims, and plastics. Chromium, hexavalent, Cr(VI): Though typically associated with leather tanning, Chromium VI also may be used in the "after-chroming" process for wool dyeing (Chrome salts applied to acid-dyed wool to improve fastness). Cobalt, Co: Cobalt and its compounds can be found in alloys, pigments, dyestuff, and the production of plastic buttons.

Chemical Group	Potential Uses
	<p>Antimony, Sb: Found in or used as a catalyst in polymerization of polyester, flame retardants, fixing agents, pigments, and alloys.</p> <p>Cadmium, Cd: Cadmium and its compounds are used as pigments (especially in red, orange, yellow, and green). It can also be used in alloys to improve hardness or be found as a contaminant</p> <p>Chromium, Cr: Chromium and its compounds can be found as pigments in paints. It can also be used as part of alloys such as stainless steel.</p> <p>Copper, Cu: Copper and its compounds can be found in alloys and pigments, and in textiles as an antimicrobial agent.</p> <p>Nickel, Ni: Nickel and its compounds can be found for plating alloys and improving corrosion-resistance and hardness of alloys. They can also occur as impurities in pigments and alloys.</p> <p>Selenium, Se: May be found in synthetic fibers, paints, inks, plastics and metal trims.</p> <p>Barium, Ba: Barium and its compounds can be found in pigments for inks</p>
13. PAHs	<p>PAHs are natural components of crude oil and are common residues from oil refining. PAHs have a characteristic smell similar to that of car tires or asphalt. Oil residues containing PAHs are added to rubber and plastics as a softener or extender and may be found in rubber, plastics, lacquers and coatings. PAHs are often found in the outsoles of footwear and in printing pastes for screen prints. PAHs can be present as impurities in Carbon Black. They also may be formed from thermal decomposition of recycled materials during reprocessing.</p>
14. Pesticides	<p>May be found in natural fibers, primarily cotton.</p>
15: Formaldehyde	<p>Used in textiles as an anti-creasing and anti-shrinking agent. It is also often used in polymeric resins.</p>
16. Nitrosamines	<p>Can be formed as by-product in the production of rubber.</p>
17. Others	<p>Dimethyl Fumarate (DMFu): DMFu is an anti-mold agent that may be used in sachets in packaging to prevent the buildup of mold, especially during shipping.</p> <p>Bisphenol-A: Used in the production of epoxy resins, polycarbonate plastics, flame retardants, and PVC. Restricted in items intended to come into contact with the mouth.</p> <p>Vinyl Chloride: Vinyl Chloride is a precursor for polymerization and may be present in various PVC materials like prints, coatings, flip flops, and synthetic leather.</p> <p>Quinoline: Found as an impurity in polyester and some dyestuffs.</p>
20. UV stabilizers	<p>PU foam materials such as open cell foams for padding. Used as UV-absorbers for plastics (PVC, PET, PC, PA, ABS, and other polymers), rubber, and polyurethane.</p>
23. Siloxanes	<p>Used in cleaning and cleaning products such as softeners, polishes, waxes, cosmetics, personal care products, textile treatment products, dyes, paper products and cardboard products.</p>