

Thinx Clean Commitment List

OUR COMMITMENT

Nothing is more important to Thinx than the quality and safety of our products and the well-being of the consumers who use them. At Thinx, we've committed to sharing the plain facts about our reusable underwear – how it's made, what it's made of, and why it's safe. We have rigorous safety and quality requirements that include, among other things, the careful selection of ingredients and materials for each of our products. We also maintain this Clean Commitment List which represents a subset of substances that we, at Thinx, restrict or prohibit from use in our products, and do not intentionally use as ingredients. Our Clean Commitment List aligns to the most recent rigorous chemical safety requirements of [OEKO-TEX® STANDARD 100](#) and the [Apparel and Footwear International RSL Management Group \(AFIRM\)](#) standards, both of which prohibit and/or restrict substances up to certain threshold amounts and regularly update their requirements to account for changes in regulations, consumer expectations, and evolving science.

All of our ingredients and materials are sourced with a high standard of safety and quality. Due to the variety of sources for these substances and ever-increasing sensitivity of analytical methods, trace amounts of substances on this list may be detected. While the origin of trace levels of substances may be difficult to identify, we collaborate with supply chain partners to reduce, eliminate, or manage these substances. Thinx closely monitors and carefully considers new information regarding ingredients, including public perception of ingredients, that is published by scientific research and regulatory agencies globally, and we update our Clean Commitment List, as appropriate.

IMPLEMENTATION AND ENFORCEMENT

As of the date of its release, this Clean Commitment List applies to all Thinx products, including ingredients and materials used in the manufacture of our products¹. Our finished products are subject to testing for certain substances, including as part of OEKO-TEX® certification under STANDARD 100, Class II, Annexure IV, through accredited, globally recognized third-party laboratories. We also require raw material suppliers to adhere to AFIRM standards, maintain OEKO-TEX® certifications and to sign a Supplier Code of Conduct and Chemical Supplier Agreement confirming compliance with our safety and quality requirements, including compliance with the prohibited or restricted substances on our Clean Commitment List.

Our suppliers and manufacturers directly share in the responsibility to ensure that the highest degree of diligence is taken to not only operate in full compliance with the laws and regulations of the countries in which they operate, but also to meet or exceed all specified safety, compliance, and quality requirements that we set, including adhering to our Clean Commitment List. Where local laws and regulations are less restrictive than our expectations and standards, suppliers are still held to our strict standards. We expect our suppliers to develop and implement appropriate internal business processes to help ensure compliance with all safety, compliance and quality requirements, including with respect to their suppliers, to help ensure conformance throughout the supply chain.

REGULATORY COMPLIANCE

This Clean Commitment list represents the internal Thinx position. It is not intended to indicate regulatory requirements and it does not indicate an assessment of risk to humans or the environment for any particular substance.

¹ The Clean Commitment List does not apply to packaging materials

Thinx Clean Commitment List

Category	Substance	CAS No.
Formaldehyde, Free & Partially Releasable	Formaldehyde, Free & Partially Releasable as defined by Law 112	Not Allocated
Extractable (Heavy) Metals	Sb (Antimony)	7440-36-0
	As (Arsenic)	7440-38-2
	Pb (Lead)	7439-92-1
	Cd (Cadmium)	7440-43-9
	Cr (Chromium)	7440-47-3
	Cr (VI)	18540-29-9
	Co (Cobalt)	7440-48-4
	Cu (Copper)	7440-50-8
	Ni (Nickel)	7440-02-0
	Hg (Mercury)	7439-97-6
	Ba (Barium)	7440-39-3
	Se (Selenium)	7782-49-2
	Heavy Metals (Total Content)	As (Arsenic)
Cd (Cadmium)		7440-43-9
Hg (Mercury)		7439-97-6
Pb (Lead)		7439-92-1
Pesticides	Glyphosate and salts for conventional cotton	Various
	Glyphosate and salts for organic cotton	Various
	Pesticides under observation	Various
Chlorinated Phenols	Pentachlorophenol (PCP)	87-86-5
	Terachlorophenols (TeCP), Sum	Various
	Trichlorophenols (TrCP), Sum	Various
	Dichlorophenols (DCP), Sum	Various
	Monochlorphenols (MCP), Sum	Various
	2,3,4-Trichlorophenol (TriCP)	15950-66-0
	2,3,5-Trichlorophenol (TriCP)	933-78-8
	2,3,6-Trichlorophenol (TriCP)	933-75-5
	2,4,5-Trichlorophenol (TriCP)	95-95-4
	2,4,6-Trichlorophenol (TriCP)	88-06-2
3,4,5-Trichlorophenol (TriCP)	609-19-8	
Phthalates	Di-Iso-nonylphthalate (DINP)	28553-12-0
		68515-48-0
	Di-n-octylphthalate (DNOP)	117-84-0
	Di(2-ethylhexyl)-phthalate (DEHP)	117-81-7
	Diisodecylphthalate (DIDP)	26761-40-0
		68515-49-1
	Butylbenzylphthalate (BBP)	85-68-7
	Dibutylphthalate (DBP)	84-74-2
	Diisobutylphthalate (DIBP)	84-69-5
	Di-n-hexylphthalate (DHP)	84-75-3
Diethylphthalate (DEP)	84-66-2	

Thinx Clean Commitment List

	Dimethylphthalate (DMP)	131-11-3
	Di-pentyl phthalate (DPP) (n-, iso-, or mixed)	131-18-0
		605-50-5
		776297-69-9
		84777-06-0
	Dicyclohexyl phthalate (DCHP)	84-61-7
	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkylesters, C7-rich (DIHP)	71888-89-6
	Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8
	Dipropyl phthalate (DPRP)	131-16-8
	Diisooctyl phthalate (DIOP)	27554-26-3
	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear (DHxP)	68515-50-4
	Diisohexyl phthalate (DIHxP)	71850-09-04
	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4
	1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters	68648-93-1
1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters; 1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters	68515-51-5	
Alkylphenols (APs) & Alkylphenol Ethoxylates (APEOs) including all isomers	Nonylphenol (NP), mixed isomers	Various
	Octylphenol (OP), mixed isomers	Various
	Nonylphenol ethoxylates (NPEOs)	Various
	Octylphenol ethoxylates (OPEOs)	Various
Organic Tin Compounds	DMT, DPhT, DPT, MOT, MMT, MPhT, TeBT, TeET, TeOT	Various
	Dibutyltin (DBT)	1002-53-5
	Diocetyl tin (DOT)	15231-44-4
	Monobutyltin (MBT)	Not Allocated
	Tricyclohexyltin (TCyHT)	Not Allocated
	Trimethyltin (TMT)	1631-73-8
	Triocetyl tin (TOT)	869-59-0
	Tripropyltin (TPT)	Not Allocated
	Tributyltin (TBT)	688-73-3
	Triphenyltin (TPhT)	892-20-6
Other Chemical Residues	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	119-47-1
	Melamine	108-78-1
	Carcinogenic Arylamines	Various
	Arylamines under observation	Various
	Aniline	62-53-3
	Benzene	71-43-2
	Diazene-1,2-dicarboxamide	123-77-3

Thinx Clean Commitment List

	2,5-dimethylfuran (DMFu)	625-86-5
	N-(hydroxymethyl)acrylamide	924-42-5
	Tris(2-methoxyethoxy)vinylsilane	1067-53-4
	2-Mercaptobenzothiazol	149-30-4
	Ortho-phenylphenol (OPP)	90-43-7
	Phenol	108-95-2
	Quinoline	91-22-5
	Glutaraldehyde	91-22-5
	Tris(2-carboxyethyl)phosphine (TCEP)	5961-85-3
	Drometrizole	2440-22-4
	Chemical residues under observation	Various
Bisphenols	Bisphenol A (BPA)	80-05-7
	Bisphenol B (BPB)	77-40-7
	Bisphenol S (BPS)	80-09-1
	Bisphenol F (BPF)	620-92-8
	Bisphenol AF (BPAF)	1478-61-1
Colorants	Cleavable carcinogenic arylamines	Various
	Cleavable arylamines under observation	Various
	Cleavable Aniline	Various
	Carcinogens	Various
	Colorants with $\geq 0.1\%$ Michler's Ketone/Base	Various
	Allergens	Various
	Others	Various
	Navy Blue	Various
Chlorinated Benzenes & Toluenes	Toluene	108-88-3
	2-Chlorotoluene	95-49-8
	3-Chlorotoluene	108-41-8
	4-Chlorotoluene	106-43-4
	2,3-Dichlorotoluene	32768-54-0
	2,4-Dichlorotoluene	95-73-8
	2,5-Dichlorotoluene	19398-61-9
	2,6-Dichlorotoluene	118-69-4
	2,3,6-Trichlorotoluene	95-75-0
	2,3,6-Trichlorotoluene	2077-46-5
	2,4,5-Trichlorotoluene	6639-30-1
	2,3,4,5-Tetrachlorotoluene	76057-12-0
	2,3,4,6-Tetrachlorotoluene	875-40-1
	2,3,5,6-Tetrachlorotoluene	1006-31-1
	Pentachlorotoluene	877-11-2
	1,3-Dichlorobenzene	541-73-1
	1,4-Dichlorobenzene	106-46-7
	1,2,3-Trichlorobenzene	87-61-6

Thinx Clean Commitment List

	1,2,4-Trichlorobenzene	120-82-1
	1,3,5-Trichlorobenzene	108-70-3
	1,2,3,4-Tetrachlorobenzene	634-66-2
	1,2,3,5-Tetrachlorobenzene	634-90-2
	1,2,4,5-Tetrachlorobenzene	95-94-3
	Pentachlorobenzene	608-93-5
	Hexachlorobenzene	118-74-1
	p-Chlorobenzotrichloride	5216-25-1
	Benzotrichloride	98-07-7
	Benzyl Chloride	100-44-7
	1,2-Dichlorobenzene	95-50-1
Polycyclic Aromatic Hydrocarbons (PAHs)	Acenaphtene	83-32-9
	Acenaphthylene	208-96-8
	Anthracene	120-12-7
	Benzo(g,h,i)perylene	191-24-2
	Fluorene	86-73-7
	Indeno(1,2,3-cd)pyrene	193-39-5
	Phenanthrene	85-01-8
	Pyrene	129-00-0
	Benzo[a]pyrene	50-32-8
	Benzo[e]pyrene	192-97-2
	Benzo[a]anthracene	56-55-3
	Chrysene	218-01-09
	Benzo[b]fluoranthene	205-99-2
	Benzo[j]fluoranthene	205-82-3
	Benzo[k]fluoranthene	207-08-09
	Dibenzo[a,h]anthracene	53-70-3
	Naphthalene	91-20-3
	Sum 24 PAHs	Various
Flame Retardant Products	Decabromodiphenyl ethane (DBDPE)	84852-53-9
	Pentabromodiphenyl ether (PentaBDE)	32534-81-9
	Octabromodiphenyl ether (OctaBDE)	32536-52-0
	Decabromodiphenyl ether (DecaBDE)	1163-19-5
	All other Polybrominated diphenyl ethers (PBDEs)	Various
	Tetrabromobisphenol A (TBBP A)	79-94-7
	Polybromobiphenyls (PBB)	59536-65-1
	Hexabromocyclododecane (HBCDD)	3194-55-6
	2,2-bis(bromomethyl)-1,3-propanediol (BBMP)	3296-90-0
	Tris(1,3-dichloro-isopropyl) phosphate (TDCPP)	13674-87-8
	Trixylyl phosphate (TXP)	25155-23-1
	Tris(2,3-dibromopropyl) phosphate (TRIS)	126-72-7
	Tris(1-aziridinyl)phosphine oxide (TEPA)	545-55-1
	Tris(2-chloroethyl)phosphate (TCEP)	115-96-8
	Bis(2,3-dibromopropyl) phosphate (BDBPP)	5412-25-9

Thinx Clean Commitment List

Fluorinated Greenhouse Gases	See Regulation (EU) No 517/2014 for a complete list.	Various
Solvent Residues	N-Methyl-2-pyrrolidone (NMP)	872-50-4
	Dimethylacetamide (DMAC)	127-19-5
	N,N-Dimethylformamide (DMF)	68-12-2
	Formamide	75-12-7
Surfactant, Wetting Agent Residues, Alkyl Phenols	BP, NP, OP, HpP, PeP; Sum - Nonylphenol (NP), mixed isomers - Octylphenol (OP), mixed isomers	Various
	BP, NP, OP, HpP, PeP, NP(EO), OP(EO); Sum - Nonylphenol ethoxylates (NPEOs) - Octylphenol ethoxylates (OPEOs)	Various
Per- and Polyfluorinated Chemicals (PFCs) & Per- and Polyfluoroalkyl Substances (PFASs)	PFOS, PFOSA, PFOSE, N-Me-FOSA, N-Et-FOSE, N-Et-FOSE	Various
	PFHpA, PFNA, PFDA, PFuDA, PFDoA, PFTrDA, PFTeDA Further perfluorinated carboxylic acids	
	PFOA and salts	Various
	PFHpA	Various
	PFNA	Various
	PFDA	Various
	PFuDA	Various
	PFDoA	Various
	PFTrDA	Various
	PFTeDA	Various
	Perfluorinated sulfonic acids	Various
	Partially fluorinated carboxylic/sulfonic acids	Various
	Partially fluorinated carboxylic/sulfonic acids under observation	Various
	Partially fluorinated linear alcohols	Various
	Esters of fluorinated alcohols with acrylic acid	Various
	All PFAS as measured by total organic fluorine	Various
PFOA related Substances	Various	
Organic Fluorine Content	Extractable Organic Fluorine (EOF)	Various
UV Stabilizers	UV 320	3846-71-7
	UV 327	3864-99-1
	UV 328	25973-55-1
	UV 350	36437-37-3
Chlorinated Paraffins	Short-chain Chlorinated Paraffins (SCCPs) (C10-C13)	85535-84-8
	Medium-chain Chlorinated Paraffins (MCCPs) (C14-C17)	85535-85-9
Siloxanes	Octamethylcyclotetrasiloxane (D4)	556-67-2
	Decamethylcyclopentasiloxane (D5)	541-02-6
	Dodecamethylcyclohexasiloxane (D6)	540-97-6
N-nitrosamines; N-nitrosatable Substances	N-nitrosodibenzylamine (NDBzA)	5336-53-8
	N-nitrosodibutylamine (NDBA)	924-16-3
	N-nitrosodiethanolamine(NDELA)	1116-54-7
	N-nitrosodiethylamine (NDEA)	55-18-5
	N-nitrosodiisobutylamine (NDiBA)	997-95-5

Thinx Clean Commitment List

	N-nitrosodiisononylamine (NDiNA)	1207995-62-7
	N-nitrosodiisopropylamine (NDiPA)	601-77-4
	N-nitrosodimethylamine (NDMA)	62-75-9
	N-nitrosodipropylamine (NDPA)	621-64-7
	N-nitrosomethylethylamine (NMEA)	10595-95-6
	N-nitrosomorpholine (NMOR)	59-89-2
	N-nitroso-N-ethyl-N-phenylamine (NEPhA)	612-64-6
	N-nitroso-N-methyl-N-phenylamine (NMPhA)	614-00-6
	N-nitroso-piperidine (NPIP)	100-75-4
	N-nitroso-pyrrolidine (NPYR)	930-55-2
Other Volatile Organic Compounds & Glycols	Naphthalene	91-20-3
	Styrene	100-42-5
	Benzene	71-43-2
	Toluene	108-88-3
	1-Methyl-2-pyrrolidone (NMP)	872-50-4
	N,N-Dimethylacetamide (DMAc)	127-19-5
	N,N-Dimethylformamide (DMF)	68-12-2
	Dimethylfumarate (DMFu)	624-49-7
	2-Methoxyethylacetate	110-49-6
Color Fastness (Staining)	To water	Various
	To acidic perspiration	Various
	To alkaline perspiration	Various
	To rubbing, dry	Various
Emission of Volatiles	Formaldehyde	50-00-0
	Toluene	108-88-3
	Styrene	100-42-5
	4-Vinylcyclohexene	100-40-3
	4-Phenylcyclohexene	4994-16-5
	Butadiene	106-99-0
	Vinylchloride	75-01-4
	Aromatic hydrocarbons	Various
	Organic volatiles	Various
	Xylenes (meta-, ortho-, para-)	108-38-3
	95-47-6	
	106-42-3	
Organic Cotton Fibers & Materials	Genetically modified organisms (GMO)	Various
Determination of Odors	General	Various
	SNV 195 651 (Modified)	Various
Banned Fibers	Asbestos	Various
Azoamines & Arylamine Salts	4-Aminobiphenyl	92-67-1
	Benzidine	92-87-5
	4-Chloro-o-toluidine	95-69-2
	2-Naphthylamine	91-59-8
	o-Aminoazotoluene	97-56-3

Thinx Clean Commitment List

	2-Amino-4-nitrotoluene	99-55-8
	p-Chloraniline	106-47-8
	2,4-Diaminoanisole	615-05-04
	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'-Methylen-bis(2-chloraniline)	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
	2,4 Xylidine	95-68-1
	2,6 Xylidine	87-62-7
	2-Methoxyaniline (= o-Anisidine)	90-04-0
	p-Aminoazobenzene	60-09-3
	4-Chloro-o-toluidinium chloride	3165-93-3
	553-00-4 2-Naphthylammoniumacetate	553-00-4
	4-Methoxy-m-phenylene diammonium sulphate	39156-41-7
	2,4,5-Trimethylaniline hydrochloride	21436-97-5
Dyes (Forbidden & Disperse)	C.I. Disperse Blue 1	2475-45-8
	C.I. Disperse Blue 3	2475-46-9
	C.I. Disperse Blue 7	3179-90-6
	C.I. Disperse Blue 26	3860-63-7
	C.I. Disperse Blue 35A	56524-77-7
	C.I. Disperse Blue 35B	56524-76-6
	C.I. Disperse Blue 102	12222-97-8
	C.I. Disperse Blue 106	12223-01-07
	C.I. Disperse Blue 124	61951-51-7
	C.I. Disperse Brown 1	23355-64-8
	C.I. Disperse Orange 1	2581-69-3
	C.I. Disperse Orange 3	730-40-5
	C.I. Disperse Orange 11	82-28-0
	C.I. Disperse Orange 37/76/59	12223-33-5
		13301-61-6
		51811-42-8
	C.I. Disperse Orange 149	85136-74-9
	C.I. Disperse Red 1	2872-52-8
	C.I. Disperse Red 11	2872-48-2
	C.I. Disperse Red 17	3179-89-3
	C.I. Disperse Yellow 1	119-15-3

Thinx Clean Commitment List

	C.I. Disperse Yellow 3	2832-40-8
	C.I. Disperse Yellow 9	6373-73-5
	C.I. Disperse Yellow 39	12236-29-2
	C.I. Disperse Yellow 49	6858-49-7
		54824-37-2
	C.I. Acid Red 26	3761-53-3
	C.I. Acid Red 114	6459-94-5
	C.I. Basic Red 9	569-61-9
	C.I. Basic Violet 3	548-62-9
	C.I. Basic Violet 14	632-99-5
	C.I. Basic Blue 26	2580-56-5
	C.I. Direct Black 38	1937-37-7
	C.I. Direct Blue 6	2602-46-2
	C.I. Direct Blue 15	2429-74-5
	C.I. Direct Red 28	573-58-0
	C.I. Direct Brown 95	16071-86-6
	C.I. Solvent Yellow 1	60-09-3
	C.I. Solvent Yellow 3	97-56-3
	C.I. Pigment Red 104	12656-85-8
	C.I. Pigment Yellow 34	1344-37-2
	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1
Dyes, Navy Blue	Component 1: C ₃₉ H ₂₃ ClCrN ₇ O ₁₂ S ₂ .2Na	118685-33-9
	Component 2: C ₄₆ H ₃₀ CrN ₁₀ O ₂₀ S ₂ .3Na	Not Allocated
Ozone Depleting Substances	See Regulation (EC) No 1005/2009 for a complete list.	Various