

ECOALF

**RESTRICTED SUBSTANCES
LIST (LSR)**

Vegan Guarante 2022

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1. INTRODUCTION: THE RSL: CONTEXT AND OBJECTIVES

From the creation of the brand up until today, one of the priorities of ECOALF has always been to set a sustainable and secure product into the market.

Being aware of the global increasing problem caused by the use of toxic and harmful-to-health substances for consumers, workers involved in production activities and the environment, within the textile sector, ECOALF establishes this document as a framework for the restriction of those substances and to ensure the highest safety in the products the brand sets into the market.

This document also intends to serve as a framework for work and as a tool for transparency and collaboration with ECOALF's supply chain, to reduce the use and impact of harmful substances throughout the supply chain, to generate knowledge and to be aligned with both the legislation and the sectorial trends.

2. MANDATORY LEGISLATIONS

This document is published as a guarantee for any stakeholder of the brand in terms of complying with current and upcoming laws, taking into account the differences that can exist between countries where the group is located.

Thereby, every company being part of ECOALF's supply chain must guarantee that every product available for the brand is aligned with the standards settled in this document.

3. COMPLIANCE WITH ECOALF'S RESTRICTED SUBSTANCES LIST

By signing the annex to this document named "ANNEX: RSL'S Commitment of compliance", every member of ECOALF's supply chain at any level, guarantees the compliance with the requirements established in this document, so that we can assure to the consumer that none of our products includes any substance known as restricted.

Besides, by signing the document, the direct supplier commits to guarantee that any facility subcontracted or outsourced by them is aware and complies with what this RSL demands.

In order to develop this commitment, every supplier must keep and file every chemical analysis performed for three-year period, time in which ECOALF could demand a copy.

Finally, by signing the ANNEX, the supplier establishes to be aware that any non-compliance of any of the requirements might result in:

- The cancellation of order, even after being shipped
- The return of the product and the claim for a compensation for damages caused
- The requirement of the safety data sheets of the products used, accompanied by the corresponding detection analysis, taking into account the limits established in each and every one of the phases of the production process.

In case of refusal to carry out any of the aforementioned procedures, the company reserves the right to evaluate the blocking of the supplier for any future order for the brand.

4. LIMITS ESTABLISHED FOR THE GROUP OF CHEMICALS

This section lists all substances subject to a limit of detection, depending on the category to which they belong:

Substancias	Products for children under 3 years	Products in direct contact with the skin	Products in no-direct contact with the skin	Accessories
Acetophenone and 2-phenyl-propanol/Acetofenona y 2-fenil-propanol [mg / kg]				
Acephenone/Acetofenona	50	50	50	50
2-Phenyl-2-propanol/2-Fenil-2-Propanol	50	50	50	50
Formaldehyde, free and partially hydrolysable/Formaldeido, libre y parcialmente hidrolizable [mg / kg]				
Total	n.d.	75	300	300
Removable Heavy Metals/Metales Pesdos Extraibles [mg/kg]				
Sb (Antimony/Antimonio)	30.0	30.0	30.0	-
As (Arsenic/Arsénico)	0.2	1.0	1.0	1.0*
Ba (Barium/Bario)	1000	1000	1000	1000
Cd (Cadmium/Cadmio)	0.1	0.1	0.1	0.1
Cr (Chrome/Cromo)	1.0	2.0	2.0	2.0
Cr (VI) (Chrome VI/Cromo VI)	n.d.	n.d.	n.d.	n.d.
Co (Cobalt/Cobalto)	1.0	4.0	4.0	4.0
Cu (Copper/Cobre)	25.0	50.0	50.0	50.0
Hg (Mercury/Mercurio)	0.02	0.02	0.02	0.02
Ni (Nickel/Niquel)	1.0	4.0	4.0	4.0
Pb (Lead/Plomo)	0.2	1.0	1.0	1.0
Se (Selenium/Selenio)	100	100	100	100
Heavy metals total content/Metales pesados contenido total [mg/kg]				
As (Arsenic/Aarsénico)	100	100	100	100
Cd (Cadmium/Cadmio)	40.0	40.0	40.0	40.0
Hg (Mercury/Mercurio)	0.5	0.5	0.5	0.5
Pb (Lead/Plomo)	90.0	90.0	90.0	90.0

Substances	Products for children under 3 years	Products in direct contact with the skin	Products of no-direct contact with the skin	Accessories
Pesticides/Pesticidas [mg/kg]				
Sum/Suma	0.5	0.5	0.5	0.5
Glyphosate and salts for conventional cotton/Glifosfato y sales en algodón convencional	5	5	5	5
Chlorinated Phenols/Fenoles Clorados[mg/kg]				
Pentachlorophenols (PCP) /Pentaclorofenoles(PCP)	0.05	0.5	0.5	0.5
Tetrachlorophenols (TeCP), Sum/Tetraclorofenoles(TeCP), Suma	0.05	0.5	0.5	0.5
Trichlorophenols(TrCP), Sum/Triclorofenoles(TrCP), Suma	0.2	2.0	2.0	2.0
Dichlorophenols(DCP), Sum/Diclorofenoles(DCP), Suma	0.5	3.0	3.0	3.0
Monochlorophenols(MCP), Sum/Monoclorofenoles(MCP), Suma	0.5	3.0	3.0	3.0
Phthalates/Ftalatos [% p/p]				
Total/Total	0.05	0.05	0.05	-
Total excluding DINP/Total sin DINP	-	-	-	0.1
Organotin Compounds/Compuestos orgánicos de estaño[mg/kg]				
TBT, TPhT	0.5	1.0	1.0	1.0
DBT, DMT, DOT, DPhT, DPT, MBT, MOT, MMT, MPhT, TeBT, TeET, TCyHT, TMT, TOT, TeOT, TPT	1.0	2.0	2.0	2.0
Other chemical residues (part 1) /Otros residuos químicos (parte 1)				
Carcinogenic arylamines/Arilaminas carcinogénicas [mg/kg]				
4-aminobepheyl/4-aminobifenil	20	20	20	20
Benzidine/Bencidina	20	20	20	20
4-Chloro-o-toluidine/4-cloro-o-toluidina	20	20	20	20
2-naphtylamine/2-naftilamina	20	20	20	20
o-aminoazotoluen/o-aminoazotolueno	20	20	20	20
2-Amino-4-nitrotoluene/2-amino-4-nitrotolueno	20	20	20	20

Substances	Products for children under 3 years	Products in direct contact with the skin	Products of no-direct contact with the skin	Accessories
Other chemical residues (part 2) / Otros residuos químicos (parte 2)				
2-Amino-4-nitrotoluene/2-amino-4-nitrotolueno	20	20	20	20
p-chloroaniline/p-cloroanilina	20	20	20	20
2,4-Diaminoanisole/2,4-diaminoanisol	20	20	20	20
4,4'-Diaminodiphenylmethane/4,4'-diaminodifenilmetano	20	20	20	20
3,3'-Dichlorobenzidine/3,3'-diclorobencidina	20	20	20	20
3,3'-Dimethoxybenzidine/3,3'-dimetoxibencidina	20	20	20	20
3,3'-Dimethylbenzidine/3,3'-dimetilbencidina	20	20	20	20
3,3'-dimethyl-4,4'-diaminodiphenylmethane/3,3'-dimetil-4,4'-diaminodifenilmetano	20	20	20	20
p-Cresidine/p-Cresidina	20	20	20	20
4,4'-Methylen-bis(2-chloraniline)/4,4'-metilenbis(2-cloroanilina)	20	20	20	20
4,4'-Oxydianiline/4,4'-oxidianilina	20	20	20	20
4,4'-Thiodianiline/4,4'-tiodianilina	20	20	20	20
o-Toluidine/o-toluidina	20	20	20	20
2,4-Toluediamine/2,4-toluendiamina	20	20	20	20
2,4,5-Trimethylaniline/2,4,5-trimetilanilina	20	20	20	20
2,4-Xylidine/2,4-xilidina	20	20	20	20
2,6-Xylidine/2,6-xilidina	20	20	20	20
2-Methoxyaniline (o-Anisidine)/2-metoxianilina (o-anisidina)	20	20	20	20
p-Aminoazobenzene/p-aminoazobenceno	20	20	20	20
Aniline/Anilina [mg/kg]	20	50	50	50
Benzene/Benceno [mg/kg]	5.0	5.0	5.0	5.0
Bisphenol A/Bisfenol A [mg/kg]	100	100	100	100
Bisphenol B/Bisfenol B [mg/kg]	1000	1000	1000	1000

Substances	Products for children under 3 years	Products in direct contact with the skin	Products of no direct contact with the skin	Accessories
Other chemical residues (part 3) / Otros residuos químicos (parte 3)				
Diazene-1,2-dicarboxamide [w%]/Diazo-1,2-dicarboximida [%p/p]	0.1	0.1	0.1	0.1
DMFu [mg/kg]	0.1	0.1	0.1	0.1
Phenol/Fenol [mg/kg]	20	50	50	50
Glutaraldehyde/Glutaraldehido [mg/kg]	1000	1000	1000	1000
OPP [mg/kg]	10.0	25.0	25.0	25.0
Quinoline/Quinolina [mg/kg]	50	50	50	50
TCEP[mg/kg]	10	10	10	10
Colourants/Colorantes [mg/kg]				
Cleavable carcinogenic arylamines/Arilaminas carcinogénicas liberables	20	20	20	20
Cleavable arylamines/Arilaminas liberables		Not to be used/no utilizar		
Carcinogenic Colourants/Colorantes Cancerígenos		Not to be used/no utilizar		
Colourants with ≥ 0.1% Michler's Ketone/Base/Colorantes con ≥ 0.1% de Cetona o Base de Michler		1000		
Allergens/Alérgicos		Not to be used/no utilizar		
Others/Otros		Not to be used/no utilizar		
Navy Blue 9		Not to be used/no utilizar		
Chlorinated benzenes and toluens / Bencenos y toluenos clorados[mg/kg]				
Sum/Total	1.0	1.0	1.0	1.0
Polycyclic Aromatic Hydrocarbons PAH / Hidrocarburos aromáticos policíclicos PAH[mg/kg]				
Benzo(a)pyrene/Benzo(a)pireno	0.5	1.0	1.0	1.0
Benzo(e)pyrene/Benzo(e)pireno	0.5	1.0	1.0	1.0
Benzo[a]anthracene/Benzo[a]antraceno	0.5	1.0	1.0	1.0
Crisene/Criseno	0.5	1.0	1.0	1.0

Substances	Products for children under 3 years	Products in direct contact with the skin	Products of no direct contact with the skin	Accessories
Polycyclic Aromatic Hydrocarbons PAH (part 2) / Hidrocarburos aromáticos policíclicos PAH (parte 2)[mg/kg]				
Benzo[b]fluoranthene/Benzo[b]fluoranteno	0.5	1.0	1.0	1.0
Benzo[b]fluoranthene/Benzo[j]fluoranteno	0.5	1.0	1.0	1.0
Benzo[k]fluoranthene/Benzo[k]fluoranteno	0.5	1.0	1.0	1.0
Dibenzo[a,h]anthracene/Dibenzo[a,h]antraceno	0.5	1.0	1.0	1.0
Sum of the 24 PAHs/Suma de los 24 PAH	5.0	10.0	10.0	10.0
Flame retardant products/Productos retardantes a la llama				
General (SCCP y MCCP)	10 mg/kg for each individual product or 50 mg/kg for the sum of SCCP + MCCP / 10 mg/kg cada producto individual o MCCP 50 mg/kg de la suma de SCCP + MCCP)			
Solvent's residues / Residuos de disolventes[% p/p]				
NMP			0.5*	
DMAc			0.5*	
DMF			0.5*	
Formamide/Formamida	0.02	0.02	0.02	0.02
Surfactant, wetting agent residues, alkyl phenols/Surfactantes, agentes humectantes residuales, alquilfenoles [mg/kg]				
BP, NP, OP, HpP, PeP, Total	10.0	10.0	10.0	10.0
BP, NP, OP, HpP, PeP, NP(EO), OP(EO), Total	100.0	100.0	100.0	100.0
PFCs, Per- and polyfluorinated compounds /PFCs y Compuestos Per- y polifluorados				
PFOS, PFOSA, PFOSE, N-Me-FOSA, N-Et-FOSA, N-Me-FOSE, N-Et-FOSE; Total [µg/m2]	1.0	1.0	1.0	1.0
PFOA y sales, suma [mg/m2]	0,025	0,025	0,025	0,025
PFHpA[mg/kg]	0.05	0.1	0.1	0.5
PFNA[mg/kg]	0.05	0.1	0.1	0.5
PFDA[mg/kg]	0.05	0.1	0.1	0.5
PFUdA[mg/kg]	0.05	0.1	0.1	0.5

Substances	Products for children under 3 years	Products in direct contact with the skin	Products of no-direct contact with the skin	Accessories
PFCs, Per- and polyfluorinated compounds (part 2) / PFCs y Compuestos Per- y polifluorados (parte 2)				
PFDaA[mg/kg]	0.05	0.1	0.1	0.5
PFTDA[mg/kg]	0.05	0.1	0.1	0.5
PFTeDA [mg/kg]	0.05	0.1	0.1	0.5
Other Perfluorinated carboxylic acids, each/Otros Ácidos Carbónicos Perfluorados, concentraciones individuales [mg/kg]	0.05	-	-	-
Perfluorinated sulfonic acids, each/Ácidos Sulfónicos Perfluorados, concentraciones individuales [mg/kg]	0.05	-	-	-
Partially fluorinated carboxylic / sulfonic acids, each/Ácidos carboxílicos / sulfónicos parcialmente fluorados, concentraciones individuales [mg/kg]	0.05	-	-	-
Partially fluorinated linear alcohols, each/Alcoholes lineales parcialmente fluorados, concentraciones individuales [mg/kg]	0.50	-	-	-
Esters of fluorinated alcohols with acrylic acid, each/Ésteres de alcoholes fluorados con ácido acrílico, concentraciones individuales [mg/kg]	0.50	-	-	-
PFOA related Substances Sum/Sustancias relacionadas con PFOA, total [mg/kg]	1.0	1.0	1.0	1.0
UV stabilizers [w-%]/Estabilizadores UV [% p/p]				
UV 320	0.1	0.1	0.1	0.1
UV 327	0.1	0.1	0.1	0.1
UV 328	0.1	0.1	0.1	0.1
UV 350	0.1	0.1	0.1	0.1
Siloxanes [w-%]/Siloxanos [% p/p]				
Octamethylcyclotetrasiloxane (D4)/Octametilciclotetrasiloxano (D4)	0,1	0,1	0,1	0,1
Decamethylcyclopentasiloxane (D5)/Decametilciclopentasiloxano (D5)	0,1	0,1	0,1	0,1
Dodecamethylcyclohexasiloxane (D6)/Dodecmetilciclohexasiloxano (D6)	0,1	0,1	0,1	0,1
N-Nitrosamines/N-Nitrosaminas [mg/kg]				
Each/Valor individual	0,5	0,5	0,5	0,5
N-nitrosatable substances/Sustancias N-nitrosatables [mg/kg]				

Substances	Products for children under 3 years	Products in direct contact with the skin	Products of no-direct contact with the skin	Accessories
PFCs, Per- and polyfluorinated compounds (part 2) / PFCs y Compuestos Per- y polifluorados (parte 2)				
Sum/Total	5	5	5	5

5. COMPLETE CHEMICAL GROUP LIST

5.1 . PESTICIDES

Pesticides/Pesticidas			
Name/Nombre	CAS-Nr.	Name/Nombre	CAS-Nr.
2,4,5-TP	93-72-1	DDD	53-19-0, 72-54-8
2,4,5-T	93-76-5	DDE	3424-82- 6, 72-55- 9
2,4-D	94-75-7	DDT	50-29-3, 789-02-6
Acetamiprid	135410- 20-7, 160430- 64-8	Diazinon	333-41-5
Aldicarb	116-06-3	Dichlofluanide	1085-98- 9
Aldrine / Aldrina	309-00-2	Dichlorprop	120-36-5
Azinophosethyl/Acinofosetil	2642-71-9	Dicofol	115-32-2
Azinophosmethyl/Acinofosmetil	86-50-0	Dicrotophos	141-66-2
Bromophos-ethyl/Bromofosetil	4824-78-6	Dieldrine	60-57-1
Captafol/Captafol	191906,0	Dimethoate/Dimetoato	60-51-5
Carbaryl	63-25-2	Dinoseb, its salts and acetate/Dinoseb, sus sales y acetato	88-85-7 et al
Chlorbenzilate	510-15-6	Dinotefuran	165252- 70-0
Chlordane/Clorodane	57-74-9	DTTB (4, 6-Dichloro-7 (2,4,5-trichloro- phenoxy) -2-Trifluoro methyl benz imidazole)/ DTTB (4, 6-Dicloro-7 (2,4,5-tricloro- Fenoxi) -2-Trifluoro metil benz imidazol)	63405- 99-2
Chlordimeform/Clorodimeform	6164-98-3	Endosulfan, α -	959-98-8
Chlorfenvinphos/Clorfoenvinfos	470-90-6	Endosulfan, β -	33213- 65-9
Clothianidin	210880- 92-5	Endrine	72-20-8

Chlorthalonil	1897-45-6	Esfenvalerate	66230-04-4
Coumaphos	56-72-4	Ethylendibromid	106-93-4
Cyfluthrin	68359-37-5	Fenvalerate	51630-58-1
Cyhalothrin	91465-08-6	Halogenated naphthalenes, including polychlorinated naphthalenes (PCNs) / Naftalenos halogenados, incluyendo naftalenos policlorados (PCNs)	Various
Cypermethrin	52315-07-8	Heptachlor/Heptacloro	76-44-8
DEF	78-48-8	Heptachloroepoxide/Heptacloroepoxido	1024-57-3, 28044-83-9
Deltamethrin	52918-63-5	Hexachlorobenzene/Hexaclorobenceno	118-74-1

Pesticides/Pesticidas			
Name/Nombre	CAS-Nr.	Name/Nombre	CAS-Nr.
Hexachlorcyclohexane, α -/Hexaclorociclohexano, α -	319-84-6	Parathion/Paration	56-38-2
Hexachlorcyclohexane, β -/Hexaclorociclohexano, β -	319-85-7	Parathion-methyl/Parationmetil	298-00-0
Hexachlorcyclohexane, δ -/Hexaclorociclohexano, δ -	319-86-8	Pentachloroanisole/Pentacloroanisol	1825-21-4
Imidacloprid	105827-78-9, 138261-41-3	Perthane/Pertano	72-56-0
Isodrine/Isodrin	465-73-6	Phosdrin/Mevinphos/Fosdrin/Mevinfos	7786-34-7
Kelevane/Kevelan	4234-79-1	Phosphamidone/Fosfamidona	13171-21-6
Kepone/Kepon	143-50-0	Propethamphos/Propetamfos	31218-83-4
Lindane/Lindano	58-89-9	Profenophos/Profenofos	41198-08-7

Malathion/Malation	121-75-5	Strobane/Estrobane	8001-50-1
MCPA	94-74-6	Quinalphos/Quinalfos	13593-03-8
MCPB	94-81-5	Quintozene	82-68-8
Mecoprop	93-65-2	Telodrine/Telodrin	297-78-9
Metamidophos/Metamidofos	10265-92-6	Thiacloprid	111988-49-9
Methoxychlor/Metoxicloro	72-43-5	Thiamethoxam	153719-23-4
Mirex	2385-85-5	Tolyfluanide	731-27-1
Monocrotophos/Monocrotofos	6923-22-4	Toxaphene/Toxafen	8001-35-2
Nitenpyram	120738-89-8150824-47-8,	Trifluralin	1582-09-8

5.2. CHLORINATED PHENOLS

Chlorinated phenols/Fenoles clorados			
Name/Nombre	CAS-Nr.	Name/Nombre	CAS-Nr.
Pentachlorophenol/Pentaclorofenol	87-86-5	2,3-Dichlorophenol/2,3-Diclorofenol	576-24-9
2,3,5,6-Tetrachlorophenol/2,3,5,6- Tetrachlorofenol	935-95-5	2,4-Dichlorophenol/2,4-Diclorofenol	120-83-2
2,3,4,6-Tetrachlorophenol/2,3,4,6-Tetraclorofenol	58-90-2	2,5-Dichlorophenol/2,5-Diclorofenol	583-78-8
2,3,4,5-Tetrachlorophenol/2,3,4,5-Tetraclorofenol	4901-51-3	2,6-Dichlorophenol/2,6-Diclorofenol	87-65-0
2,3,4-Trichlorophenol/2,3,4-Triclorofenol	15950-66-0	3,4-Dichlorophenol/3,4-Diclorofenol	95-77-2
2,3,5-Trichlorophenol/2,3,5-Triclorofenol	933-78-8	3,5-Dichlorophenol/3,5-Diclorofenol	591-35-5
2,3,6-Trichlorophenol/2,3,6-Triclorofenol	933-75-5	2-Chlorophenol/2-Clorofenol	95-57-8
2,4,5-Trichlorophenol/2,4,5-Triclorofenol	95-95-4	3-Chlorophenol/3-Clorofenol	108-43-0
2,4,6-Trichlorophenol/2,4,6-Triclorofenol	88-06-2	4-Chlorophenol/4-Clorofenol	106-48-9
3,4,5-Trichlorophenol/3,4,5-Triclorofenol	609-19-8		

5.3. PHTHALATES

Phthalates/Ftalatos		
Name/Nombre	CAS-Nr.	Acronym
Butylbenzylphthalate/Butilbencilftalato	85-68-7	BBP
Dibutylphthalate/Dibutilftalato	84-74-2	DBP
Di-ethylphthalate/Dietilftalato	84-66-2	DEP
Dimethylphthalate / Dimetilftalato	131-11-3	DMP
Di-(2-ethylhexyl)-phthalate/Di(2-etihexil)-ftalato	117-81-7	DEHP
Di-(2-methoxyethyl)-phthalate/Di-(2-metoxietil)ftalato	117-82-8	DMEP
Di-C6-8-branched alkylphthalates C7-rich/Di-C6-8 alquilftalatos ramificados ricos en C7	71888-89-6	DIHP
Di-C7-11-branched and linear alkylphthalates/Di-C7-11-alquilftalatos ramificados y lineales	68515-42-4	DHNUP
Di-cyclohexylphthalate/Di-ciclohexilftalato	84-61-7	DCHP
Di-hexylphthalate, branched and linear/Di-hexilftalato, ramificado y lineal	68515-50-4	DHxP
Di-iso-butylphthalate/Di-iso-butilftalato	84-69-5	DIBP
Di-iso-decylphthalate/Di-iso-decilftalato	26761-40-0, 68515-49-1	DIDP
Di-iso-hexylphthalate/Di-iso-hexilftalato	71850-09-4	DIHxP
Di-iso-octylphthalate/Di-iso-octilftalato	27554-26-3	DIOP
Di-iso-nonylphthalate/Di-iso-nonilftalato	28553-12-0, 68515-48-0	DINP
Di-n-propylphthalate/Di-n-propilftalato	131-16-8	DPrP
Di-n-hexylphthalate/Di-n-hexilftalato	84-75-3	DHP
Di-n-octylphthalate/Di-n-octilftalato	117-84-0	DNOP
Di-n-nonylphthalate/Di-n-nonilftalato	84-76-4	DNP
Di-pentylphthalate (n-, iso-, or mixed)/Di-pentilftalato (n-, iso-, o mezcla)	131-18-0, 605-50-5, 776297-69-9, 84777-06-0	DPP
1,2-Benzenedicarboxylic acid, di-C6-10 alkyl esters/Ácido 1,2-bencenodicarboxílico, di-C6-10 alquil ésteres	68515-51-5	

Phthalates/Ftalatos

Name/Nombre	CAS-Nr.	Acronym
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters/Ácido 1,2-Bencilcarboxílico, di-C7-11-alquil esterres ramificados lineales	65185-88-8	(DHNUP)
1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters/ Ácido 1,2-Bencenodicarboxílico, mezcla de decil, hexil y octil diesteres	68648-93-1	

5.4. ORGANIC TIN COMPOUNDS

Organic tin compounds/Compuestos orgánicos de estaño			
Name/Nombre	Acronym	Name/Nombre	Acronym
Dibutyltin/Dibutil estaño	DBT	Tetrabutyltin/Tetrabutil estaño	TeBT
Dimethyltin/ Dimetil estaño	DMT	Tetraethyltin/Tetraetil estaño	TeET
Dioctyltin/Dioctilestaño	DOT	Tributyltin/Tributilestaño	TBT
Diphenyltin/ Difenil estaño	DPhT	Tricyclohexyltin/ Triciclohexil estaño	TCyHT
Dipropyltin/ Dipropil estaño	DPT	Trimethyltin/Trimetil estaño	TMT
Monomethyltin/ Monometil estaño	MMT	Trioctyltin/Trioctil estaño	TOT
Monobutyltin/Monobutil estaño	MBT	Triphenyltin/Trifenilestaño	TPhT
Monooctyltin/ Monooctil estaño	MOT	Tetraoctyltin/ Tetraoctil estaño	TeOT
Monophenyltin/Monofenil estaño	MPhT	Tripropyltin/Tripropil estaño	TPT

5.5. ARYLAMINES

Arylamines having carcinogenic properties/Listado de las arilaminas con propiedades cancerígenas			
Name/Nombre	CAS-Nr.	Name/Nombre	CAS-Nr.
4-Aminobiphenyl/4-Aminobifenilo	92-67-1	4-Chloro-o-toluidine/4-Cloro-o-toluidina	95-69-2
Benzidine/Bencidina	92-87-5	2-Naphthylamine/2-Naftilamina	91-59-8
2 o-Aminoazotoluene/o-Aminoazotolueno	97-56-3	4,4'-Methylene-bis-(2-chloroaniline)/4,4'-Metilen-bis-2-cloroanilina	101-14-4
2-Amino-4-nitrotoluene/2-Amino-4-nitrotolueno	99-55-8	4,4'-Oxydianiline/4,4'-Oxidianilina	101-80-4
p-Chloroaniline/4-Cloroanilina	106-47-8	4,4'-Thiodianiline/4,4'-Tiodianilina	139-65-1
2,4-Diaminoanisole/2,4-Diaminoanisol	615-05-4	o-Toluidine/o-Toluidina	95-53-4
4,4'-Diaminodiphenylmethane/4,4'-Diaminodifenilmetano	101-77-9	2,4-Toluylenediamine/2,4- Toluilendiamina	95-80-7
3,3'-Dichlorobenzidine/3,3'-Diclorobencidina	91-94-1	2,4,5-Trimethylaniline/2,4,5-Trimetilanolina	137-17-7
3,3'-Dimethoxybenzidine/3,3'-Dimetoxibencidina	119-90-4	o-Anisidine (2-Methoxyaniline)/o- Anisidina	90-04-0
3,3'-Dimethylbenzidine/3,3'-Dimetilbencidina	119-93-7	2,4-Xylidine/2,4-Xylidina	95-68-1
4,4'-Methylenedi-o-toluidine/3,3'- Dimetil-4,4'-diaminodifenilmetano	838-88-0	2,6-Xylidine/2,6-Xylidina	87-62-7
p-Cresidine/p-Cresidina	120-71-8	4-Aminoazobenzene/4-Aminoazobenceno	60-09-3
Other Arylamines, cleavable arylamines; amine salts / Otras arilaminas, arilaminas escindibles, sales de amina			
Aniline/Anilina	62-53-3	2-Naphthylammoniumacetate/Acetato de 2-Naftilaminio	553-00-4
4-Chloro-o-toluidinium chloride /Cloruro de 4-Cloro-o-toluidina	3165-93-3	2,4-Diaminoanisole sulphate / Sulfato de 2,4-Diaminoanilo	39156-41-7
2,4,5-Trimethylaniline hydrochloride /Hidrocloruro de 2,4,5-Trimetilanolina	21436-97-5		

5.6. DYES CLASSIFIED AS ALLERGENICS

Dyestuffs classified as allergenic/Colorantes clasificados como alérgicos		
Generic Name	C.I. Structure number	CAS-Nr.
Disperse Blue 1	C.I. 64 500	2475-45-8
Disperse Blue 3	C.I. 61 505	2475-46-9
Disperse Blue 7	C.I. 62 500	3179-90-6
Disperse Blue 26	C.I. 63 305	3860-63-7
Disperse Blue 35		12222-75-2
Disperse Blue 102		12222-97-8
Disperse Blue 106		12223-01-7
Disperse Blue 124		61951-51-7
Disperse Brown 1		23355-64-8
Disperse Orange 1	C.I. 11 080	2581-69-3
Disperse Orange 3	C.I. 11 005	730-40-5
Disperse Orange 37	C.I. 11 132	51811-42-8
Disperse Orange 59	C.I. 11 132	13301-61-6
Disperse Orange 76	C.I. 11 132	12223-33-5
Disperse Red 1	C.I. 11 110	2872-52-8
Disperse Red 11	C.I. 62 015	2872-48-2
Disperse Red 17	C.I. 11 210	3179-89-3
Disperse Yellow 1	C.I. 10 345	119-15-3
Disperse Yellow 3	C.I. 11 855	2832-40-8
Disperse Yellow 9	C.I. 10 375	6373-73-5
Disperse Yellow 39		
Disperse Yellow 49		

5.7. DYES AND PIGMENTS CLASSIFIED AS CARCINOGENIC

Dyestuffs and pigments classified as carcinogenic/Colorantes y pigmentos clasificados como cancerígenos		
Generic Name	C.I. Structure number	CAS-Nr.
Acid Red 26	C.I. 16 150	3761-53-3
Acid Red 114		6459-94-5
Basic Blue 26 (with ≥ 0.1 % Michler's ketone or base)		2580-56-5
Basic Red 9	C.I. 42 500	569-61-9
Basic Violet 3 (with ≥ 0.1 % Michler's ketone or base)		548-62-9
Basic Violet 14	C.I. 42 510	632-99-5
Direct Black 38	C.I. 30 235	1937-37-7
Direct Blue 6	C.I. 22 610	2602-46-2
Direct Blue 15		2429-74-5
Direct Brown 95		16071-86-6
Direct Red 28	C.I. 22 120	573-58-0
Disperse Blue 1	C.I. 64 500	2475-45-8
Disperse Orange 11	C.I. 60 700	82-28-0
Disperse Yellow 3	C.I. 11 855	2832-40-8
Solvent Yellow 1 (4-Aminoazobenzene / Aniline Yellow)	C.I. 11100	58687,0
C.I. Solvent Yellow 3 (o-Aminoazotoluene)		97-56-3
Pigment Red 104	C.I. 77 605	12656-85-8
Pigment Yellow 34	C.I. 77 603	1344-37-2
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol with $\geq 0.1\%$ Michler's Ketone or Base		561-41-1
C.I. Solvent Blue 4 with $\geq 0.1\%$ Michler's Ketone or Base		6786-83-0

5.8. OTHER PROHIBITED DYES

Other banned dyestuffs/Otros colorantes prohibidos					
Generic Name	C.I. Structure number	CAS-Nr.	Generic Name	C.I. Structure number	CAS-Nr.
Acid Orange 45		2429-80-3	Acid Black 132		12219-02-2
Acid Red 4		5858-39-9	Acid Black 209		72827-68-0
Acid Red 5		5858-63-9	Azoic diazo component 11		27165-08-0
Acid Red 24		98493-59-5, 5858-30-0	Azoic diazo component 12		99-55-8
Acid Red 73		5413-75-2	Azoic diazo component 48		20282-70-6
Acid Red 85		3567-65-5	Azoic diazo component 112		92-87-5
Acid Red 114		6459-94-5	Azoic diazo component 113		119-93-7
Acid Red 115		6226-80-8	Basic red 111		118658-98-3
Acid Red 116		6245-62-1, 3953-74-0, 1573-46-2	Basic red 42		12221-66-8
Acid Red 128		6548-30-7	Basic brown 4		8005-78-5
Acid Red 148		6300-53-4	Developer 14 (Oxidation base 20)		95-80-7
Acid Red 150		6226-78-4	Direct Yellow 1		101985-05-1, 6472-91-9, 494-77-9
Acid Red 158		8004-55-5	Direct Yellow 24		6486-29-9
Acid Red 167		61901-41-5	Direct Yellow 48		6459-97-8
Acid Red 264		6505-96-0	Direct orange 1		54579-28-1
Acid Red 265		6358-43-6	Direct orange 6		6637-88-3
Acid Red 420			Direct orange 7		2868-76-0
Acid Violet 12		6625-46-3	Direct orange 8		64083-59-6
Acid Violet 49		1694-09-3	Direct orange 10		6405-94-3
Acid Brown 415		97199-27-4	Direct orange 108		6358-79-8
Acid Black 29		12217-14-0	Direct red 1		2429-84-7
Acid Black 94		6358-80-1	Direct red 2		992-59-6
Acid Black 131		12219-01-1	Direct red 7	C.I. 24100	25188-28-7, 2868-75-9

Other banned dyestuffs/Otros colorantes prohibidos

Generic Name	C.I. Structure number	CAS-Nr.	Generic Name	C.I. Structure number	CAS-Nr.
Direct red 10		2429-70-1	Direct Blue 14		72-57-1
Direct red 13		1937-35-5	Direct Blue 15		2429-74-5
Direct red 21		6406-01-5,	Direct Blue 22		2586-57-4
Direct red 22		6448-80-2	Direct Blue 25		2150-54-1
Direct red 24	C.I. 29185	25188-08-3, 6420-44-6	Direct Blue 35		6473-33-2
Direct red 26	C.I. 29190	25188-35-6, 3687-80-7	Direct Blue 53		314-13-6
Direct red 37		3530-19-6	Direct Blue 76		16143-79-6
Direct red 39		6358-29-8	Direct Blue 151		110735-25-6
Direct red 44		2302-97-8	Direct Blue 160		12222-02-5
Direct red 46		6548-29-4	Direct Blue 173		12235-72-2
Direct red 62		6420-43-5	Direct Blue 192		159202-76-3
Direct red 67		6598-56-7	Direct Blue 201		60800-55-7
Direct red 72		8005-64-9	Direct Blue 215		6771-80-8
Direct Violet 1		25188-44-7, 2586-60-9	Direct Blue 295		6420-22-0
Direct Violet 12		2429-75-6	Direct Blue 196		866557-14-4
Direct Violet 21		25188-48-1, 6470-45-7	Direct Green 1		3626-28-6
Direct Violet 22		6426-67-1	Direct Green 6		4335-09-500,
Direct Blue 1		6426-67-1	Direct Green 8		5422-17-3
Direct Blue 2		25180-19-2, 2429-73-4	Direct Green 8:1		76012-70-9
Direct Blue 3		2429-72-3	Direct Green 85		72390-60-4
Direct Blue 8		2429-71-2	Direct Brown 1		3811-71-0
Direct Blue 9		6428-98-4	Direct Brown 1:2		2586-58-5
Direct Blue 10		4198-19-0	Direct Brown 2		2429-82-5

Other banned dyestuffs/Otros colorantes prohibidos

Generic Name	C.I. Structure number	CAS-Nr.	Generic Name	C.I. Structure number	CAS-Nr.
Direct Brown 6		2893-80-3	Direct Black 154		54804-85-2
Direct Brown 25		33363-87-0	Disperse Blue 1		2475-45-8
Direct Brown 27		6360-29-8	Disperse Orange 149		85136-74-9
Direct Brown 31		2429-81-4	Disperse Red 151		6250-23-3
Direct Brown 33		1324-87-4	Disperse Yellow 7		6300-37-4
Direct Brown 51		25180-43-2 , 4623-91-0	Disperse Yellow 23	C.I. 26 070	6250-23-3
Direct Brown 59		6247-51-4, 3476-90-2	Disperse Yellow 56		54077-16-6
Direct Brown 79		6483-77-8	Basic Green 4 (oxalate)		2437-29-8, 18015-76-4
Direct Brown 95		16071-86-6	Basic Green 4 (chloride)		569-64-2
Direct Brown 101		3626-29-7	Basic Green 4 (free)		10309-95-2
Direct Brown 154		6360-54-9	Solvent Yellow 1		60-09-3
Direct Brown 222		64743-15-3	Solvent Yellow 2		60-11-7
Direct Black 4		2429-83-6	Solvent Yellow 3		97-56-3
Direct Black 29		25180-14-7, 3626-23-1	Para-phenyldiamine		106-50-3
Direct Black 91		6739-62-4	Navy Blue (Index-Nr. 611-070-00-2; EG-Nr. 405-665-4)		

5.9. CHLORINATED BENZENES AND TOLUENES

Chlorinated benzenes and toluenes/Bencenos y toluenos clorados			
Name/Nombre	CAS-Nr.	Name/Nombre	CAS-Nr.
Chlorobenzene / Clorobenceno	108-90-7	2,4-Dichlorotoluene / 2,4-Diclorotolueno	95-73-8
Dichlorobenzenes / Diclorobencenos	25321-22-6	2,3,4-Trichlorotoluene / 2,3,4-Triclorotolueno	7359-72-0
1,2-Dichlorobenzene / 1,2-Diclorobenceno	95-50-1	2,6-Dichlorotoluene / 2,6-Diclorotolueno	118-69-4
1,4-Dichlorobenzene / 1,4-Diclorobenceno	106-46-7	2,3,6-Trichlorotoluene / 2,3,6-Triclorotolueno	2077-46-5
1,3-Dichlorobenzene / 1,3-Diclorobenceno	541-73-1	3,5-Dichlorotoluene / 3,5-Diclorotolueno	25186-47-4
Trichlorobenzenes/Triclorobencenos	12002-48-1	2,4,6-Trichlorotoluene / 2,4,6-Triclorotolueno	23749-65-7
1,2,3-Trichlorobenzene / 1,2,3-Triclorobenceno	87-61-6	2,3,5-Trichlorotoluene / 2,3,5-Triclorotolueno	56961-86-5
1,2,4-Trichlorobenzene / 1,2,4-Triclorobenceno	120-82-1	2,3,4,5-Tetrachlorotoluene / 2,3,4,5-Tetraclorotolueno	1006-32-2, 76057-12-0
1,3,5-Trichlorobenzene / 1,3,5-Triclorobenceno	108-70-3	2,4,5-Trichlorotoluene / 2,4,5-Triclorotolueno	6639-30-1
Tetrachlorobenzenes / Tetraclorobencenos	3838248	2,3,5,6-Tetrachlorotoluene / 2,3,5,6-Tetraclorotolueno	1006-31-1, 29733-70-8
1,2,3,4-Tetrachlorobenzene / 1,2,3,4-Tetraclorobenceno	634-66-2	3,4,5-Trichlorotoluene / 3,4,5-Triclorotolueno	21472-86-6
1,2,3,5-Tetrachlorobenzene / 1,2,3,5-Tetraclorobenceno	634-90-2	Benzyl chloride / Cloruro de Bencilo	32768-54-0, 100-44-7
1,2,4,5-Tetrachlorobenzene / 1,2,4,5-Tetraclorobenceno	95-94-3	2,3,4,6-Tetrachlorotoluene / 2,3,4,6-Tetraclorotolueno	875-40-1
1,2,3,4(or 1,2,4,5)-Tetrachlorobenzene / 1,2,3,4(o 1,2,4,5)-Tetraclorobenceno	30247164	Benzotrichloride / Tricloruro de bencilo	98-07-7
Pentachlorobenzene / Pentaclorobenceno	608-93-5	2,3,4,5,6-Pentachlorotoluene / 2,3,4,5,6-Pentaclorotolueno	-373335
Hexachlorobenzene / Hexaclorobenceno	118-74-1	4-Chlorobenzotrichloride / 4-Clorotricloruro de bencilo	5216-25-1
2-Chlorotoluene / 2-Clorotolueno	95-49-8	3-Chlorotoluene / 3-Clorotolueno	108-41-8
2,5-Dichlorotoluene / 2,5-Diclorotolueno	19398-61-9	α -substituted-Chlorotoluenes / Clorotoluenos sustituidos en α	Various
4-Chlorotoluene / 4-Clorotolueno	106-43-4	2,3-Dichlorotoluene / 2,3-Diclorotolueno	32768-54-0
3,4-Dichlorotoluene / 3,4-Diclorotolueno	95-75-0		

5.10. POLYCYCLIC AROMATIC HYDROCARBONS (PAH)

Polycyclic aromatic hydrocarbons (PAH)/Hidrocarburos policíclicos aromáticos (HPA)			
Name/Nombre	CAS-Nr.	Name/Nombre	CAS-Nr.
Acenaphthene / Acenafteno	83-32-9	Dibenzo[a,h]anthracene / Dibenzo[a,h]anthraceno	53-70-3
Acenaphthylene / Acenaftileno	208-96-8	Dibenzo[a,e]pyrene / Dibenzo[a,e]pireno	192-65-4
Anthracene / Antraceno	120-12-7	Dibenzo[a,h]pyrene / Dibenzo[a,h]pireno	189-64-0
Benzo[a]anthracene / Benzo(a)antraceno	56-55-3	Dibenzo[a,i]pyrene / Dibenzo[a,i]pireno	189-55-9
Benzo[a]pyrene / Benzo(a)pireno	50-32-8	Dibenzo[a,l]pyrene / Dibenzo[a,l]pireno	191-30-0
Benzo[b]fluoranthene / Benzo(b)fluoranteno	205-99-2	Fluoranthene / Fluoranteno	206-44-0
Benzo[e]pyrene / Benzo[e]pireno	192-97-2	Fluorene / Fluoreno	86-73-7
Benzo[ghi]perylene / Benzo[g,h,i]-perileno	191-24-2	Indeno[1,2,3-cd]pyrene / Indeno(1,2,3-cd)pireno	193-39-5
Benzo[j]fluoranthene / Benzo[j]fluoranteno	205-82-3	1-Methylpyrene / 1-Metilpireno	2381-21-7
Benzo[k]fluoranthene / Benzo[k]fluoranteno	207-08-9	Naphthalene / Naftaleno	91-20-3
Chrysene / Criseno	218-01-9	Phenanthrene / Fenantreno	85-01-8
Cyclopenta[c,d]pyrene / Ciclopenta[c,d]pireno	27208-37-3	Pyrene / Pireno	129-00-0

5.11. FORBIDDEN FLAME RETARDANT SUBSTANCES

Forbidden flame retardant substances/Sustancias retardantes de la llama					
Name/Nombre	CAS-Nr.	Acronym	Name/Nombre	CAS-Nr.	Acronym
2,2-bis(bromomethyl)-1,3-propanediol / 2,2-bis(bromometil)-1,3-propanediol	3296-90-0	BBMP	Monobromodiphenylethers / Monobromodifenileteres	various	MonoBDEs
Bis-(2,3-dibromopropyl)phosphate / Bis-(2,3-dibromopropil)fosfato	5412-25-9	BIS	Dibromodiphenylethers / Dibromodifenileteres	various	DiBDEs
Boric acid / Ácido bórico	10043-35-3, 11113-50-1		Tribromodiphenylethers / Tribromodifenileteres	various	TriBDEs
Diboron trioxide / Trióxido de diboro	1303-86-2		Tetrabromodiphenylethers / Tetrabromodifenileteres	various	TetraBDEs
Disodium tetraborate, anhydrous / Di-sodio tetraborato, anhidrico	1303-96-4, 1330-43-4, 12179-04-3		Pentabromodiphenylethers / Pentabromodifenileteres	various, 32534-81-9	PentaBDEs
Disodium octaborate / Di-Sodio octaborato	12008-41-2		Hexabromodiphenylethers / Hexabromodifenileteres	various, 36483-60-0	HexaBDEs
Heptabromodiphenylether / Heptabromodifenielter	various	heptaBDE	Heptabromodiphenylethers / Heptabromodifenileteres	various, 68928-80-3	HeptaBDEs
Hexabromocyclododecane and all main diastereomeres identified (alpha-, beta-, gamma-) / Hexabromociclododecano y sis diastómeros principales identificados (alfa-, beta-, ganma-)	25637-99-4, various	HBCDD	Octabromodiphenylethers / Octabromodifenileteres	various, 32536-52-0	OctaBDEs
Hexabromodiphenylether / Hexabromodifenileter	36483-60-0	hexaBDE	Nonabromodiphenylethers / Nonabromodifenileteres	various, 63936-56-1	NonaBDEs
Monobromobiphenyls / Monobromobifenilos	Various	MonoBB	Decabromodiphenylether / Decabromodifenileteres	1163-19-5	DecaBDE
Dibromobiphenyls / Dibromobifenilos	various	DiBB	Tetraboron disodium heptaoxide, hydrate / Heptaóxido de tetraboro disódico, hidratado	12267-73-1	
Tribromobiphenyls / Tribromobifenilos	various	TriBB	Tetrabromobisphenol A/Tetrabromobisfenol A	79-94-7	TBBPA
Tetrabromobiphenyls / Tetrabromobifenilos	various	TetraBB	Tri-(2,3-dibromopropyl)-phosphate / Tri- (2,3 Dibromopropil)-fosfato	126-72-7	TRIS
Pentabromobiphenyls / Pentabromobifenilos	various	PentaBB	Tris-(2-chloroethyl)phosphate / Tris-(2-cloroetilico)fosfato	115-96-8	TCEP
Hexabromobiphenyls / Hexabromobifenilos	various	HexaBB	Tris-(1,3-dichloro-2-propyl)phosphate / Tris-(1,3-dicloro-2-propil)fosfato	13674-87-8	TDCPP
Heptabromobiphenyls / Heptabromobifenilos	various	HeptaBB	Tris-(aziridinyl)-phosphin oxide/Oxido de tris (aziridinil) -fosfina	545-55-1	TEPA
Octabromobiphenyls / Octabromobifenilos	various	OctaBB	Trixylylphosphate / Trixilil fosfato	25155-23-1	TXP
Nonabromobiphenyls / Nonabromobifenilos	various	NonaBB	Short chain chlorinated paraffins (C10 - C13) / Parafinas de cadena corta cloradas (C10 - C13)	85535-84-8	SCCP
Decabromobiphenyl / Decabromobifenilos	13654-09-6	DecaBB	Medium chain chlorinated paraffins (C14 - C17) / Parafinas de cadena meda cloradas (C14 - C17)	85535-85-9, 198840-65-2, 1372804-76-6	MCCP
Polybrominated diphenyl ethers / Difenileteres polibromados	various	PBDEs	Zinc borate salts / Sales de borato de zinc	1332-07-6, 12767-90-7	

5.12. SURFACTANT, WETTING AGENT RESIDUES

Surfactant, wetting agent residues/Tensoactivos, residuos de agentes humectantes		
Name/Nombre	CAS-Nr.	Acronym
4-tert-butylphenol/4-tert-butilfenol	98-54-4	BP
Nonylphenol/Nonilfenol	various	NP
Octylphenol/Octilfenol	various	OP
Heptylphenol/Heptilfenol	various	HpP
Pentylphenol/Pentilfenol	various	PeP
Octylphenoethoxylates/Octilfenoletoxilatos	various	OP(EO)
Nonylphenoethoxylates/Nonilfenoletoxilatos	various	NP(EO)

5.13. OTHER CHEMICAL RESIDUES

Other chemical residues/Otros residuos químicos					
Name/Nombre	CAS-Nr.	Acronym	Name/Nombre	CAS-Nr.	Acronym
Aniline / Anilina	62-53-3		3,3'-dimethyl-4,4'-diaminodiphenylmethane/3,3'-dimetil-4,4'-diaminodifenilmetano	838-88-0	
Benzene / Benceno	71-43-2		p-cresidine/p-cresidina	120-71-8	
Bisphenol A (4,4'-Isopropylidenediphenol)/ Bisfenol A (4,4'-Isopropilendifenol)	65873,0	BPA	4,4'-methylenbis(2-chloroaniline)/4,4'-metilenbis(2-cloroanilina)	101-14-4	
Bisphenol B (4,4'-(1-methylpropylidene)bisphenol)/Bisfenol B (4,4'-(1-metilpropilidien)bisfenol=)	77-40-7	BPB	4,4'-oxidianiline/4,4'-oxidianilina	101-80-4	
Diazene-1,2-dicarboxamide / Diamin-1,2-dicarboximida	123-77-3	ADCA	4,4'-thiodianiline/4,4'-tiodianilina	139-65-1	
Dimethylfumarate / Dimetilfumarato	624-49-7	DMFu	o-toluidine/o-toluidina	95-53-4	
Phenol/Fenol	108-95-2		2,4-toluenediamine/2,4-toluenediamina	95-80-7	
o-Phenylphenol/o-Fenilfenol	90-43-7	OPP	2,4,5-trimethylaniline/2,4,5-trimetilanilina	137-17-7	
Quinoline (Chinoline / Benzo[b]pyridine) / Quinolina (Quinoleina / Benzo[b]piridina)	91-22-5		2,4-xylydine/2,4-xilidina	95-68-1	
Glutaraldehyde / Glutaraldehido	111-30-8		2,6-xylydine/2,6-xilidina	87-62-7	
Tris(2-chloroethyl)phosphate / Tris(2-cloroetil)fosfato	115-96-8	TCEP	2-methoxyaniline (o-anisidine)/2-metoxianilina (o-anisidina)	90-04-0	
Tris(4-nonylphenyl, branched and linear)phosphite with 0.1% w/w of 4-nonylphenol, branched and linear/Tris(4-nonilfenil, ramificada y lineal)fosfito con 0.1% p/p de 4-nonilfenol, ramificada y lineal	various	TNPP	p-aminoazobenzene/p-aminoazobenceno	60-09-3	
Short chained chlorinated paraffines (C10 - C13)/Parafinas cloradas de cadena corta (C10-C13)	85535-84-8	SCCP	Carbon tetrachloride/Tetracloruro de carbono	56-23-5	
Tris(2-chloroethyl)phosphate/Tris(2-cloroetil)fosfato	115-96-8	TCEP	Chloroform/Cloroformo	67-66-3	
Dimethylfumarate/Dimetilfumarato	624-49-7	DMFu	1,2-dichloroethane/1,2-dicloroetano	107-06-2	
4-aminobiphenyl/4-aminobifenilo	92-67-1		1,1-dichloroethylene/1,1-dicloroetileno	75-35-4	
Benzidine/Bencidina	92-87-5		Dimethylacetamide/Dimetilacetamida	127-19-5	DMAC
4-chloro-o-toluidine/4-cloro-o-toluidina	95-69-2		Pentachloroethane/Pentacloroetano	76-01-7	
2-naphthylamine/2-naphthilamina	91-59-8		1,1,1,2- tetrachloroethane/1,1,1,2-tetracloroetano	630-20-6	
o-aminoazotoluene/o-aminoazotolueno	97-56-3		1,1,2,2- tetrachloroethane/1,1,2,2- tetracloroetano	79-34-5	
2-amino-4-nitrotoluene/2-amino-4-nitrotolueno	99-55-8		Tetrachloroethylene (PER)/Tetracloroetileno (PER)	127-18-4	
p-chloroaniline/p-cloroanilina	106-47-8		Toluene/Tolueno	108-88-3	
2,4-diaminoanisole/2,4-diaminoanisol	615-05-4		1,1,1- trichloroethane/1,1,1- tricloroetano	71-55-6	
4,4'-diaminodiphenylmethane/4,4'-diaminodifenilmetano	101-77-9		1,1,2- trichloroethane/1,1,2- tricloroetano	79-00-5	
3,3'-dichlorobenzidine/3,3'-diclorobenzididina	91-94-1		Trichloroethylene/Tricloroetileno	79-01-6	
3,3'-dimethoxybenzidine/3,3'-dimetoxibencidina	119-90-4		Xilene (meta-, orto-, para-) /Xileno (meta-, orto-, para-)	1330-20-7	
3,3'-dimethylbenzidine/3,3'-dimetilbencidina	119-93-7				

5.14. PFCS

PFC's, Per- and polyfluorinated Compounds/PFC's, Compuestos Per- y polifluorados:					
Name/Nombre	CAS-Nr.	Acronym/Acrónimo	Name/Nombre	CAS-Nr.	Acronym/Acrónimo
Perfluorooctane sulfonates / Sulfonatos de Perfluorooctano	various	PFOS	Perfluorooctanoic acids/Ácido perfluorooctánico	various	PFOA
Perfluorooctane sulfonamide / Sulfonamida de Perfluorooctano	754-91-6	PFOSA	Perfluorononanoic acids / Ácidos Perfluorononanoicos	various	PFNA
Perfluorooctane sulfonfluoride / Cloruro Sulfónico de Perfluorooctano	307-35-7	PFOSF / POSF	Perfluorodecanoic acids / Ácidos Perfluorodecanoicos	various	PFDA
N-Methyl perfluorooctane sulfonamide / N-metil Sulfonamida de Perfluorooctano	31506-32-8	N-Me-FOSA	Henicosafluoroundecanoic acid / Ácido henicosafluoroundecanoico	2058-94-8	PFUdA
N-Ethyl perfluorooctane sulfonamide / N-etil Sulfonamida de Perfluorooctano	4151-50-2	N-Et-FOSA	Tricosafluorododecanoic acid / Acido tricosafluorododecanoico	307-55-1	PFDoA
N-Methyl perfluorooctane sulfonamide ethanol / N-metil Sulfonamida de Perfluorooctano	24448-09-7	N-Me-FOSE	Pentacosafuorotridecanoic acid / Acido pentacosafuorotridecanoico	72629-94-8	PFTTrDA
N-Ethyl perfluorooctane sulfonamide ethanol / N-etil Sulfonamida de Perfluorooctano Etanol	1691-99-2	N-Et-FOSE	Heptacosafuorotetradecanoic acid / Acido heptacosafuorotetradecanoico	376-06-7	PFTeDA
Perfluoroheptanoic acids / Ácidos Perfluoroheptanoicos	various	PFHpA			
Further Perfluorinated carbonic acids/Otros Ácidos Carbónicos Perfluorados:					
Name/Nombre	CAS-Nr.	Acronym/Acrónimo	Name/Nombre	CAS-Nr.	Acronym/Acrónimo
Perfluorobutanoic acid / Ácido Perfluorobutanoico	375-22-4	PFBA	Perfluorohexanoic acid / Ácido Perfluorohexanoico	307-24-4	PFHxA
Perfluoropentanoic acid/Ácido Perfluoropentanoico	2706-90-3	PFPeA	Perfluoro(3,7-dimethyloctanoic acid) / Ácido Perfluoro(3,7-dimetiloctanoico)	172155-07-6	PF-3,7-DMOA
Perfluorinated sulfonic acids/Ácidos sulfónicos perfluorados:					
Name/Nombre	CAS-Nr.	Acronym/Acrónimo	Name/Nombre	CAS-Nr.	Acronym/Acrónimo
Perfluorobutane sulfonic acid / Ácido sulfónico de perfluorobutano	375-73-5, 59933-66-3	PFBS	Perfluoroheptane sulfonic acid / Ácido Sulfónico de Perfluoroheptano	375-92-8	PFHpS
Perfluorohexane sulfonic acid / Ácido Sulfónico de Perfluorohexano	355-46-4	PFHxS	Henicosafluorodecane sulfonic acid / Ácido Sulfónico de Henicosafluorodecano	335-77-3	PHDS
Partially fluorinated carbonic / sulfonic acids/ Ácidos carbónicos/sulfónicos parcialmente fluorados:					
Name/Nombre	CAS-Nr.	Acronym/Acrónimo	Name/Nombre	CAS-Nr.	Acronym/Acrónimo
7H-Perfluoro heptanoic acid / Ácido 7-H-Perfluoro heptanoico	1546-95-8	7HPFHpA	1H,1H,2H,2H-Perfluorooctane sulfonic acid / Ácido 1H,1H,2H,2H-Perfluorooctanoico	27619-97-2	1H, 1H, 2H, 2H-PFOS
2H,2H,3H,3H-Perfluoroundecanoic acid / Ácido 2H,2H,3H,3H-Perfluoroundecanoico	34598-33-9	4HPFUa			
Partially fluorinated linear alcohols/Aalcoholes lineales parcialmente fluorados:					
Name/Nombre	CAS-Nr.	Acronym/Acrónimo	Name/Nombre	CAS-Nr.	Acronym/Acrónimo
1H,1H,2H,2H-Perfluoro-1-hexanol / 1H,1H,2H,2H-Perfluoro-1-hexanol	2043-47-2	4:2 FTOH	1H,1H,2H,2H-Perfluoro-1-decanol / 1H,1H,2H,2H-Perfluoro-1-decanol	678-39-7	8:2 FTOH
1H,1H,2H,2H-Perfluoro-1-octanol / 1H,1H,2H,2H-Perfluoro-1-octanol	647-42-7	6:2 FTOH	1H,1H,2H,2H-Perfluoro-1-dodecanol / 1H,1H,2H,2H-Perfluoro-1-dodecanol	865-86-1	10:2 FTOH

Esters of fluorinated alcohols with acrylic acid/Ésteres de alcoholes fluorados con ácido acrílico:

Name/Nombre	CAS-Nr.	Acronym/Acrónimo	Name/Nombre	CAS-Nr.	Acronym/Acrónimo
1H,1H,2H,2H-Perfluorooctyl acrylate / 1H,1H,2H,2H-Perfluorooctil acrilato	17527- 29-6	6:2 FTA	1H,1H,2H,2H-Perfluorododecyl acrylate / 1H,1H,2H,2H-Perfluorododecil acrilato	17741- 60-5	10:2 FTA
1H,1H,2H,2H-Perfluorodecyl acrylate / 1H,1H,2H,2H-Perfluorodecil acrilato	27905- 45-9	8:2 FTA			

PFOA related Substances:

Name/Nombre	CAS-Nr.	Acronym/Acrónimo	Name/Nombre	CAS-Nr.	Acronym/Acrónimo
1H,1H,2H,2H-Perfluorodecyl acrylate / 1H,1H,2H,2H-Perfluorodecil acrilato	27905- 45-9	8:2 FTA	1H,1H,2H,2H-Perfluorodecanesulphonic acid and its salts / Ácido 1H,1H,2H,2H- Perfluorodecanosulfónico y sus sales	39108- 34-4, et. al.	8:2 FTS
1H,1H,2H,2H-Perfluoro-1-decanol / 1H,1H,2H,2H-Perfluoro-1-decanol	678- 39-7	8:2 FTOH			

5.15. UV STABILIZERS

UV stabilizers/Estabilizadores UV		
Name/Nombre	CAS-Nr.	Acronym / Acronimo
2-Benzotriazol-2-yl-4,6-di-tert-butylphenol/2-Benzotriazol-2-il-4,6-di-tert-butilfenol	3846-71-7	UV 320
2,4-Di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol/2,4-Di-tert-butil-6-(5-clorobenzotriazol-2-il)fenol	3864-99-1	UV 327
2-(2H-Benzotriazol-2-yl)-4,6-di-tert-pentylphenol/2-(2H-Benzotriazol-2-il)-4,6-di-tert-pentilfenol	25973-55-1	UV 328
2-(2H-Benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol/2-(2H-Benzotriazol-2-il)-4-(tert-butil)-6-(sec-butil)fenol	36437-37-3	UV 350

5.16. SILOXANES

Siloxanes / Siloxanos		
Name/Nombre	CAS-Nr.	Acronym / Acronimo
Octamethylcyclotetrasiloxane / Octametilcyclotetrasiloxano	556-67-2	D4
Decamethylcyclopentasiloxane / Decametilciclopentasiloxano	541-02-6	D5
Dodecamethylcyclohexasiloxane / Dodecametilciclohexasiloxano	540-97-6	D6

5.17. N-NITROSAMINES AND N-NITROSABLE SUBSTANCE

N-Nitrosamines; N-nitrosatable substances / N-Nitrosaminas; Sustancias N-Nitrosables		
Name/Nombre	CAS-Nr.	Aacronym/Acrónimos
N-Nitrosodibenzylamine / N-Nitrosodibencilamina	5336-53-8	NDBzA
N-Nitrosodibutylamine / N-Nitrosodibutilamina	924-16-3	NDBA
N-Nitrosodiethanolamine / N-Nitrosodietanolamina	1116-54-7	NDELA
N-Nitrosodiethylamine / N-Nitrosodietilamina	55-18-5	NDEA
N-Nitrosodiisobutylamine / N-Nitrosodiisobutilamina	997-95-5	NDiBA
N-Nitrosodiisononylamine / N-Nitrosodiisononilamina	1207995-62-7	NDiNA
N-Nitrosodiisopropylamine / N-Nitrosodiisopropilamina	601-77-4	NDiPA
N-Nitrosodimethylamine / N-Nitrosodimetilamina	62-75-9	NDMA
N-Nitrosodipropylamine / N-Nitrosodipropilamina	621-64-7	NDPA
N-Nitrosomethylethylamine / N-Nitrosometilamina	10595-95-6	NMEA
N-Nitrosomorpholine / N-Nitrosomorfolina	59-89-2	NMOR
N-Nitroso-N-ethyl-N-phenylamine / N-Nitroso-N-etil-N-fenilamina	612-64-6	NEPhA
N-Nitroso-N-methyl-N-phenylamine / N-Nitroso-N-metil-N-fenilamina	614-00-6	NMPhA
N-Nitroso-pyrrolidine / N-Nitroso-piperidina	100-75-4	NPIP
N-Nitroso-pyrrolidine / N-Nitroso-pirrolidina	930-55-2	NPYR

6. ECOALF VEGAN GUARANTEE (by PETA)

Restricted Animal Fibers and Ingredients in Textiles, Shoes, and Accessories

ECOALF is committed to the planet, to the people and of course to the animals as well. A large portion of ECOALF's collection is developed without using any material with animal origins. As a certified PETA (People for the Ethical Treatment of Animals) brand, we want that all our products in which we did not use any material with animal origins to be labelled as VEGAN, therefore all the suppliers of these described products must read, sign, and avoid the use of any material listed below.

In ECOALF the only authorized Animal Fibers used are recycled wool and recycled cashmere. These materials are to be used just when they are clearly detailed in the composition of the product. Any other animal fiber or ingredient must be authorized by ECOALF team.

Content

1. Animal Fibres
2. Coloring Dyes and Components
3. Glues
4. Waxes
5. Fats & Oils
6. Other Animal Ingredients

General

PETA's list is here to help companies and people to identify and avoid animal ingredients in textiles, shoes, and accessories. Keep in mind that this list is not all-inclusive, and the list covers the main animal fibers, glues, waxes that can be part of textile products. There are thousands of technical, brand and patented names for ingredient variations or combinations. Many ingredients known by one name can be of animal, vegetable, or synthetic origin. If the origin of one product and its ingredients is unclear, producers must help with a detailed description to make it transparent if their product is free of animal ingredients.

6.1. Animal Fibres

Anaphe	A wild silk from the larvae of the anaphe moth. See Silk.
Alligator Skin	See Leather.
Alpaca	Hair of a camelid (<i>Vicugna pacos</i>).
Angora	Hair from the angora rabbit and its domestic breeds.
Animal Hair	In some blankets, mattresses, brushes, furniture, etc.
Antheraea Spp	See Silk.
Beaver	Hair of the North American beaver (<i>Castor canadensis</i>) and Eurasian beaver (<i>Castor fiber</i>).
Byssus	Fabric, also known as sea silk, which is made using the byssus of pen shells as a fiber source. A byssus is a group of strong filaments that are secreted by some families of clams (bivalve molluscs), in order to attach themselves to hard surfaces.
Calfskin	See Leather.
Camel	Hair of a member of the family Camelidae like Bactrian camel (<i>Camelus bactrianus</i>), Dromedary (<i>Camelus dromedarius</i>) or Wild camel (<i>Camelus ferus</i>).
Capiz	See Seashell. The windowpane oyster (<i>Placuna placenta</i>) also known as capiz, is a bivalve marine mollusk.
Coarse	See Alpaca.
Cashgora	Hair from the crossbreed of angora and cashmere goat and its domestic breeds.
Catgut	Type of cord that is prepared from the natural fibre found in the walls of animal intestines, commonly from sheep or goat.
Chamois	Soft leather from the skin of the chamois antelope, sheep, goats, deer. See Leather.
Chiengora	Yarn or wool spun from dog hair.
Chitosan	A fiber derived from crustacean shells. Can be mixed with viscose to create textile fibres like Crabyon.
Damask	Originally a silk fabric made in Damascus. See Silk.
Douppioni	Irregular and rough silk taken from double cocoons which are reeled together. Also Dupion. Nowadays mostly applied to imitations of man-made fabrics. See Silk.
Down	The undercoating of waterfowl (especially ducks and geese). See Feathers.
Eri	A type of wild silk. See Silk.
Feathers	Epidermal appendage of a bird, like chickens, geese or ducks.
Fur	Animal hair with skin attached from various mammals like minks, foxes or rabbits.
Guanaco	Rare hair of a camelid (<i>Lama guanicoe</i>).
Honan	A fabric made with wild silk from Henan in Eastern China. See Silk.
Horsehair	See Animal Hair.
Huarizo	See Alpaca.

Horn	Pointed projection on the head of various animals like buffalos or deer consisting of a covering of keratin and other proteins. Used for buttons and applications.
Kashmir	See Cashmere.
Kemp	A type of sheep's hair, weak and brittle. See Wool.
Lambskin	Hide of a young sheep. The sheepskin is tanned with the fleece intact, as in a pelt.
Leather	Tanned hides and skins of animals from mammals, reptiles, fish and birds. Mostly from cattle, sheep, goat, pig. The skins of alligators, snakes, ostriches, kangaroos, oxen, sting ray and yaks are also used for leather.
Llama	Hair of a camelid (lama glama).
Merino	Fine wool from merino sheep. See Wool.
Milk fibre	Fibre from milk protein. Mostly from cows.
Mohair	Hair of the angora goat.
Muga	Wild type of silk.
Nacre	Composite material produced by some molluscs as an inner shell layer. Used for buttons and jewelry.
Otter	Hair of the various weasel species Lurinae.
Pantholops Hogsoni	See Shahtoosh.
Pashmina	Fine type of cashmere wool. Also pashm or pashmina. See Cashmere.
Pearl	Concretion of layers of pain-dulling nacre formed around a foreign particle within the shell of various bivalve molluscs, principally the oyster.
Rabbit Hair	Fur from common or wild rabbits.
Qiviut	Wool of the muskox. Also qiviut, qiviuq, sometimes spelled qiveut.
Seashell	Hard, protective outer layer created by an animal that lives in the sea. The shell is part of the body of the animals, like mollusks, crabs or lobsters.
Sea Silk	See Byssus.
Shahtoosh	Wool from the endangered Tibetan antelope or chiru (Pantholops hodgsonii).
Silk	Fibre obtained from silk-secreting insects like silkworms, crickets or spiders. Common variations include Tussah, Peace, Atlas or Eri Silk.
Suede	Type of leather with a napped finish, primarily lamb, goat, goat, calf or deer.
Suri	See Alpaca.
Tussah Silk	A coarse silk produced by a wild silkworm. Mainly: Antheraea Mylitta (largely Indian), Antheraea Pernyi (largely Chinese), And Antheraea Yama-mai (largely Japanese). Also Tussock.
Vicuna	Hair of a camlid (Vicugna vicugna).
Yak	Hair of a bovid (Bos grunniens and Bos mutus) and its domestic forms.

6.2. Coloring Dyeing and Components

Albumen	Sometimes derived from egg whites, but also from vegetable flour. In eggs, milk, muscles, blood, and many vegetable tissues and fluids. Can be used as thickening and a fixing agent for insoluble pigments for textile printing. Derivative: Albumin.
Carmine	Red pigment for dyes, that is produced from carminic acid from some scale insects such as the cochineal scale and certain Porphyrophora species. Also called crimson lake, cochineal, natural red 4, C.I. 75470 or E120.
Casein paint	Derived from milk casein and used mostly in paints, but usable as binder for dyes.
Cochineal	See Carmine.
Kermesic acid	Red dye that is extracted from the shell of the kermes insects (Kermes vermilio, Kermes palestinesis).
Lac	Red dye from scarlet resinous secretion of a number of species of lac insects, most commonly Kerria lacca. Is processed into seedlac, sticklac and shellac.
Polish cochineal	Red Dye of scale insects (Porphyrophora polonica) that itself contains carminic acid with small amounts of kermesic acid. See Carmine.
Sepia	Ink from cuttlefish of the order Sepiida.
Shellac	See Lac.
Octopus ink	Ink from a cephalopod mollusc of the order Octopoda based on the natural pigment melanin and mucus which can be red, black and brown.
Tekhelet	See Tyrian purple.
Tyrian purple	Purple-blue indigo dye that is derived from this species of sea snails, mostly Hexaplex trunculus. Also known as Murex trunculus or the banded dye-murex and Tyrian red, royal purple, imperial purple or imperial dye.
Urea	Typically synthetic. Can be used for application of dyes. When extracted from animals, it is excreted from urine and other bodily fluids. Derivatives: Imidazolidinyl Urea, Uric Acid. Alternatives: synthetics.

6.3. Glues

Bone glue	Derived mostly from bones of cattle and pigs and other mammals.
Casein glue	This protein is derived from milk of cows, goats or other mammals. See Casein.

Fish glue	Derived from the bones, skins of various fish species. Used for gluing leather components, especially shoes.
Gelatin	Protein obtained by boiling skin, tendons, ligaments, and/or bones in water. Mostly from cows and pigs.
Hide glue	Derived from bovine skins and smaller mammal's hides.
Isinglass	Glue made from swim bladders of various fish species.
Rabbit skin glue	Mainly from skins of rabbits, although other animal ingredients can be mixed in.

6.4. Waxes

Arachidyl Propionate	A wax that can be from animal fat. Can be used for color protection of textiles. Alternatives: peanut or vegetable oil.
Beeswax	From virgin bees. Wax obtained from melting honeycomb with boiling water, straining it, and cooling it. Used to make polishing cloths or during resist dyeing. Derivatives: Cera Flava.
Chinese Wax	Produced by the scale insect <i>Ceroplastes ceriferus</i> . Can be used for polishing and resist dyeing. Also named Chinese tree wax, Chinese insect wax, Insect wax.
Lanolin	A product of the oil glands of sheep, extracted from their wool. Used as an emollient in many skin-care products and cosmetics and in medicines. Derivatives: Aliphatic Alcohols, Cholesterin, Isopropyl Lanolate, Laneth, Lanogene, Lanolin Alcohols, Lanosterols, Sterols, Triterpene Alcohols. Alternatives: plant and vegetable oils.
Shellac Wax	Produced by the lac insect <i>Kerria lacca</i> .
Spermaceti	Waxy oil originally derived from the sperm whale's head or from dolphins but now most often derived from petroleum. Used in the leather industry or as plasticizer. Alternatives: synthetic spermaceti, jojoba oil, and other vegetable emollients. Also Cetyl Palmitate. Sperm Oil.
Wool Wax	See Lanolin.

6.5. Fats & Oils

Animal Fats and Oils	Of various animals like pigs, cows, fish etc. Can be used as lubricants or softeners and for traditional coating. Alternatives: olive oil, wheat germ oil, coconut oil, flaxseed oil, almond oil, safflower oil, etc.
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Cod Liver Oil	See Marine Oil.
Emu Oil	From flightless ratite birds native to Australia and now factory-farmed. Used in cosmetics and creams. Alternatives: vegetable and plant oils.
Glycerin. Glycerol.	Can be made from animal fats. A byproduct of soap manufacture.. In textile industry used to soften yarn and to lubricate fibres. Derivatives: Glycerides, Glyceryls, Glycreth-26, Polyglycerol. Alternatives: vegetable glycerin (a byproduct of vegetable oil soap), derivatives of seaweed, petroleum.
Fatty Acids	Mostly plant based, but can also be derived from animal fats. Producers have to provide information on the origin, when in doubt. Can be one or any mixture of liquid and solid acids such as caprylic, lauric, myristic, oleic, palmitic, and stearic. Alternatives: vegetable-derived acids, soy lecithin, safflower oil, bitter almond oil, sunflower oil, etc.
Fish Oil	See Marine Oil. Fish oil can also be from marine mammals.
Lard	Fat from hog abdomens. Alternatives: pure vegetable fats or oils.
Marine Oil	From fish or marine mammals (including porpoises). Used as lubricant, and in paint. Alternatives: vegetable oils.
Shark Liver Oil	Used as lubricant. Derivatives: Squalane, Squalene. Alternatives: vegetable oils.
Squalene	Oil from shark livers, etc. Used for textile coating. Alternatives: vegetable emollients such as olive oil, wheat germ oil, rice bran oil, etc.
Tallow	Rendered beef fat. Used as lubricants and softeners. Derivatives: Sodium Tallowate, Tallow Acid, Tallow Amide, Tallow Amine, Talloweth-6, Tallow Glycerides, Tallow Imidazoline. Alternatives: vegetable tallow, Japan tallow, paraffin, ceresin (see alternatives to Beeswax). Paraffin is usually from petroleum, wood, coal, or shale oil.
Turtle Oil	From the muscles and genitals of giant sea turtles. In soap, skin creams, nail creams, other cosmetics. Alternatives: vegetable emollients (see alternatives to Animal Fats and Oils).

6.6. Other Animal Ingredients

Allantoin	Uric acid from cows, most mammals. Also in many plants (especially comfrey). Can be used to equip textiles. Derivatives: Alcloxa, Aldioxa. Alternatives: extract of comfrey root, synthetics.
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Ambergris	Solid waxy substance originating in the intestine of the sperm whale (<i>Physeter catodon</i>). Rarely used today due to trade restrictions. Alternatives: synthetic or vegetable fixatives.
Blood	From any slaughtered animal. Used as adhesive in plywood, also found foam rubber. Alternatives: synthetics, plant sources.
Boar Bristles	Hair from wild or captive hogs. In “natural” toothbrushes and bath and shaving brushes. Alternatives: vegetable fibers, nylon, the peelu branch or peelu gum (Asian, available in the U.S.; its juice replaces toothpaste).
Bone Char	Animal bone ash. Used in bone china and often to make sugar white. Serves as the charcoal used in aquarium filters. Alternatives: synthetic tribasic calcium phosphate.
Bone Meal	Crushed or ground animal bones. Alternatives: plant mulch, vegetable compost, dolomite, clay, vegetarian vitamins.
Casein	Proteins commonly from the milk of mammals, like cow, goat, pig. Can be used to make fibres and glues.
Cysteine, L-Form.	An amino acid from hair that can come from animals. Alternatives: plant sources.
Cystine	An amino acid found in urine and horsehair. Can be used as a nutritional supplement of cellulosic fibres. Alternatives: plant sources.
Guanine	Obtained from scales of fish. Constituent of ribonucleic acid and deoxyribonucleic acid and found in all animal and plant tissues. Alternatives: leguminous plants, synthetic pearl, or aluminum and bronze particles.
Hyaluronic Acid	When animal-derived, a protein found in umbilical cords and the fluids around the joints. Used in cosmetics and some medical applications. Alternatives: synthetic hyaluronic acid, plant oils.
Keratin	Protein from the ground-up horns, hooves, feathers, quills, and hair of various animals. In washing products, permanent wave solutions.
Lecithin	Waxy substance in nervous tissue of all living organisms. But frequently obtained for commercial purposes from eggs and soybeans. Also from nerve tissue, blood, milk, corn. Choline bitartrate, the basic constituent of lecithin, is in many animal and plant tissues and prepared synthetically. Lecithin can be used for treatment of fibrous textile materials of all kinds. Alternatives: soybean lecithin, synthetics.
Lipase	Enzyme from the stomachs and tongue glands of calves, kids, and lambs. Used in textile fibre processing. Alternatives: vegetable enzymes, castor beans.
Lipoid	Fat and fat-like substances that are found in animals and plants. Also called Lipids. Alternatives: vegetable oils.
Myristic Acid	Organic acid typically derived from nut oils but occasionally of animal origin. Used as enzyme in textile finishing. Derivatives: Isopropyl Myristate, Myristal Ether
	Sulfate, Myristyls, Oleyl Myristate. Alternatives: nut butters, oil of lovage, coconut oil, extract from seed kernels of nutmeg, etc.
Nucleic Acids	In the nucleus of all living cells. Used as enzyme in textile finishing. Alternatives: plant sources.

Oleic Acid	Obtained from various animal and vegetable fats and oils. Usually obtained commercially from inedible tallow. (See Tallow.) Used as textile lubricant. Derivatives: Oleyl Oleate, Oleyl Stearate. Alternatives: coconut oil. (See alternatives to Animal Fats and Oils.)
Oleyl Alcohol	Found in fish oils. Used in the manufacture of detergents, as a plasticizer for softening fabrics and textiles. Derivatives: Oleths, Oleyl Arachidate, Oleyl Imidazoline.
Pepsin	In hogs' stomachs. A clotting agent for Casein-fibres. Same uses and alternatives as Rennet.
Polypeptides	From animal protein. Can be used to finish textiles... Alternatives: plant proteins and enzymes.
Polysorbates	Derivatives of fatty acids. Used as antistatic agents, fiber lubricants, and finish emulsifiers.
Pristane	Obtained from the liver oil of sharks and from whale ambergris. (See Squalene, Ambergris.) Used as a lubricant. Alternatives: plant oils, synthetics.
Propolis	Tree sap gathered by bees and used as a sealant in beehives. Can be used for textile finishing, but not common. Alternatives: tree sap, synthetics.
Rennet	Enzyme from calves' stomachs. Alternatives: microbial coagulating agents, bacteria culture, lemon juice, or vegetable rennet.
Rennin	See Rennet.
Sable Brushes	From the fur of sables (weasel-like mammals). Alternatives: synthetic fibers.
Sponge (Luna and Sea)	A plantlike animal. Lives in the sea. Becoming scarce. Alternatives: synthetic sponges, loofahs (plants used as sponges).
Stearic Acid	When animal-derived, a fat mostly from cows, pigs, and sheep. May also be of plant origin, including from cocoa butter and shea butter. Derivatives: Stearamide, Stearamine, Stearates, Stearic Hydrazide, Stearone, Stearoxtrimethylsilane, Stearoyl Lactylic Acid, Stearyl Betaine, Stearyl Imidazoline. Alternatives: Stearic acid can be found in many vegetable fats, coconut.
Stearyl Alcohol	A mixture of solid alcohols. Can be prepared from sperm whale oil. Derivatives: Stearamine Oxide, Stearyl Acetate, Stearyl Caprylate, Stearyl Citrate, Stearyldimethyl Amine, Stearyl Glycyrhethinate, Stearyl Heptanoate, Stearyl Octanoate, Stearyl Stearate. Alternatives: plant sources, vegetable stearic acid.
Vitamin A	Can come from fish liver oil (e.g., shark liver oil), egg yolk, butter, lemongrass, wheat germ oil, carotene in carrots, and synthetics. An aliphatic alcohol. In cosmetics, creams, perfumes, hair dyes, etc. In vitamins, supplements. Alternatives: carrots, other vegetables, synthetics.



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ANNEX: ECOALF'S RSL and Vegan Guarantee Commitment of compliance

I hereby confirm that:

.....
(Name of the signatory below), on behalf of the
company..... (Name of the company)
and occupying the position of
..... (Name of the position
of the signatory below) I have read and understood the Restricted Substances List (RSL) and
the Vegan Guarantee of ECOALF and I ensure its compliance in all the productions
developed for the brand as well as committing to transmit and disclose it to all the workers in
my company.

Likewise, I commit to notify the present list to all the subcontracted companies for the
development of any production request, as well as to the members of our supply chain.

Furthermore, I confirm understanding that any non-compliance detected in the products
produced for ECOALF or any of its brands may lead to a cession of the professional
collaboration, as well as the demand of a compensation for the harm and damages caused.

Name: _____

Date: _____

Name of the position: _____

Name of the company: _____

Signature and stamp of the company