Kaufland Greenpeace Detox Commitment

DATE: 15 12 2015

In line with **Kaufland** s long-term sustainability program **Kaufland** recognizes the urgent need for

a) eliminating all releases of all hazardous chemicals (1)

b) new responsible business models (12) and resource stewardship

According to its approach based on prevention (2) and the Precautionary Principle (3) **Kaufland** is committed to

i - zero discharges (4) of all hazardous chemicals into the environment

ii – reducing and maintaining complete supply chain priority resource use within equitable and planetary limits

associated with the making and using of apparel, footwear products and home textiles **Kaufland** produces and / or sells (5) by no later than 01 January 2020.

We recognize that to achieve this goal,

- mechanisms for disclosure and transparency about the hazardous chemicals used in our global supply chains are important and necessary, and should be in line with the 'Right to Know principle' (6).
- production and consumption business model changes, that revolutionise the design and systems of consumption and living , are required, including a system shift to more comprehensive Extended Producer Responsibility (11) that is based on closed `slow´ loop, resource constrained and non-toxic manufacturing.

Kaufland also commits to fully and publicly support systemic (i.e. wider societal and policy) change to achieve zero discharges (4) of hazardous chemicals (associated with supply chains and the lifecycles of products*)* within one generation (7) or less. This commitment includes sustained investment in moving industry, government, science and technology to deliver on systemic change and to affect system change across the industry towards this goal, recognising that this may require resource quotas, hazardous chemical and selected virgin material taxes/fees.

Kaufland agrees to publicly support efforts to eliminate all global hazardous chemical use, and to fully integrate the precautionary principle and the public's right-to-know regarding all environmental aspects across our operations.

Kaufland acknowledges our individual corporate responsibility to always operate with a strong system of environmental oversight of our suppliers and our operations.

This commitment, as well as the individual action plan **-** and the links to the evidence supporting the delivery for all aspects of this commitment no later than the delivery dates indicated within this commitment – will always be available to the global public via our main public webpage.

Kaufland understands the scope of the commitment to be a long-term vision – with on-going ambitious practices including the following individual action plan:

Individual action plan

1. Supply-chain disclosure

In line with **Kaufland's** commitment to the public's 'right to know' the chemical substances used within its global supply-chain and the products it sells, **Kaufland** will be taking the following actions:

1. publish our company (updated) 'Combined' or 'Manufacturing' 'Restricted Substances List (MRSL)' (RSL including manufacturing and product restricted substances) containing detection limits (4) within 8 -12 weeks of the publication of this commitment, and annually thereafter update this MRSL to reflect our full implementation of the precautionary principle, always applying the best current technology – i.e. the lowest reporting limits technology can achieve.

2. begin with the detailed public disclosure of use and discharges of hazardous chemicals based on reported quantities of releases of hazardous chemicals to the environment, facility by facility, year by year, made available in a searchable, online and international database/platform.

The list of chemicals to report on in this database should begin with, at least, the 11 priority chemical groups (as per endnote 8) and detection limits (as per our company MRSL), always applying the best current technology (as per endnote 4), in our supply chain via full facility transparency (i.e. detailed location and individual data of each facility) and disclosure of chemical-by-chemical use and discharges data, beginning with the following actions:

i. As soon as possible after the publication of this commitment, (no later than July 2016) we commit to have the full testing evidence published by at least 50 % of all our global wet process suppliers' facilities or affiliates where hazardous chemicals are used in china, and will disclose the discharge data of facilities located in china by using the online platform of the Institute for Public and Environmental Affairs and the Detox discharge data template (IPE Detox Platform) or equivalent.

ii. As soon as possible and by no later than 9 months (1 September 2016) after the publication of this commitment, we will also commit to have the full testing evidence published by at least 80 % of our global wet process suppliers facilities or affiliates where hazardous chemicals are used, and will disclose the discharge data of facilities located in china (as per full scope and content of our MRSL) by using the IPE Detox Platform (or equivalent).

iii. By no later than 1 December 2016, 80% of our wet process facilities or affiliates where hazardous chemicals are used (as per i) and ii) above), will be publicly associated to our company. Kaufland agrees to work towards supply chain transparency during 2016 via disclosure of full supplier list on company website in line with apparel sector best practice.

iv. **Kaufland** agrees to always ensure the discharge data disclosure is fully credible and reflects the MRSL and that we will always disclose via a single searchable, online and international database/platform (using the IPE Detox Platform or equivalent) for facilities located in china.

2. 11 priority hazardous chemical groups elimination policy

Fully aligned with our implementation of the precautionary principle across all of our environment-related operations, we recognise the intrinsic, or potential intrinsic hazardous properties of all 11 priority hazardous chemical groups (as per endnote 8), and therefore acknowledge it is our priority to eliminate the use and discharge of these chemicals into the environment across our global supply chain and our operations. There are multiple supply-chain pathways for potential contamination (including chemical formulations) and we will enhance both training and auditing of our supply-chain and our operations to prevent that any of these chemicals enter into our supply chain via undocumented contamination of chemical supplier formulations.

In line with our elimination policy, **Kaufland** will enforce its ban on the 8 of the 11 priority hazardous chemical groups (as per endnote 8), specifically Phthalates, Brominated and chlorinated flame retardants, Azo dyes, Organotin compounds, Chlorobenzenes , Chlorinated solvents, Chlorophenols, and Short chain chlorinated paraffins , with the following actions:

i. publish the results of an investigation and the full testing evidence into the current compliance to this requirement and reporting the findings to the public and
ii. strengthening our supplier contract language to ensure only chemical formulations free of these priority hazardous chemical groups are utilized and
iii. work with our supply chain and other global industry leaders, to ensure the most current technological limits of detection are reflected via the lowest detectable limits within our testing regimes and
iv. publicly document via company websites how at least APEOS and PFCs of the 8 priority hazardous chemical groups have been substituted by safer alternatives. Each of these case studies will also be submitted to ECHA (European Chemicals Agency) within 12 months of the publication of this commitment (31.12.2016) with a request that ECHA set up an appropriate online public alternatives database.

3. Alkyl phenols & their ethoxylates (APEOs) elimination policy

Consistent with the precautionary principle and the potential intrinsic hazardous properties of all APEOs, **Kaufland** commits to eliminate any APEOs used in any of the products **Kaufland** produces and/or sells. The elimination of all APEOs used by any of the products we produce or sell will be supported by:

i. Enforcing the elimination of APEOs by strengthening our supplier contract language to ensure only APEOs-free chemical formulations are utilized;
ii. Establishing a rigorous system of control to ensure that no traces of APEOs find their way into our supply chain in line with the above;

iii. Publishing the results of an investigation and the full testing evidence into the current compliance to this requirement and reporting the findings to the public by not later than 1 July 2016*;*
iv. Work with our supply chain and other global industry leaders, to ensure the most current technological limits of detection are reflected via the lowest detectable limits within our testing regimes.

4. PFCs - Perfluorocarbon / Polyfluorinated Compounds (as per endnote 9) **elimination policy**

Consistent with the precautionary principle and the potential intrinsic hazardousness of all PFCs, **Kaufland** commits to eliminate any PFCs used in any of the products **Kaufland** produces and/or sells, across our global supply-chain, by no later than 31.12.2016. The elimination of all PFCs used by any of the products we produce or sell will be supported by:

i. Publishing the results of an investigation and the full testing evidence into the current compliance to this requirement and reporting the findings to the public by no later than 31.12.2016;
ii. Strengthening our supplier contract language to ensure only chemical formulations free of PFCs are utilized and establish a rigorous system of control to ensure that no traces of PFCs find their way into our supply chain in line with the above;
iii. Work in partnership with our supply chain and other global industry leaders to accelerate the move to non-PFC technologies.

5. Targets for Other Hazardous Chemicals

As an important part of our implementation of the precautionary principle, **Kaufland** commits to regularly review (as per hazardous chemical screening methodology that follow the principles and criteria in annex 1 or any public and procedurally transparent list of hazardous chemicals identified based on the same) the list of chemicals used in our operations and our global supply-chain, and our MRSL. **Kaufland** will apply the latest scientific findings to update our chemical policy, at least annually, to further restrict or ban chemicals, as new evidence on their impact becomes available.

In line with the Right-to-Know principle we will deliver full public availability and transparency of our restricted substance lists, related audit process and the hazardous chemical screening methodology applied.

In this context we will also set clear intermediate progress targets on the elimination of hazardous chemicals beyond the 11 priority hazardous chemical groups, including a public hazardous chemical-by-chemical schedule for elimination and substitution with non-hazardous chemistry within 8 -12 weeks of the publication of this commitment. This will support our long-term road to elimination of all hazardous chemical use by no later than 01 January 2020. This public detailed hazardous chemical-by-chemical schedule will be updated annually.

6. Responsible Design and Consumption or Living (via closed-loop operations across global supply-chain and product lifecycles)

Kaufland will implement a Responsible Design and Consumption or Living policy and system (12) based on comprehensive Extended Producer Responsibility (EPR) (11) that will:

i. develop a global "take-back our products that we produce and sell" program for customers by no later than 01 July 2016, as a first step to implementing a responsible "closed-loop" life cycle for all products we produce and/or sell. In line with this reach 50% of our customers with the "take-back" program by September 2016 and 80% by December 2016 aim to achieve 25%-50% take-back of existing and new products in company owned (or cooperating and approved collection and takeback systems (13)) by March 2017

ii. initiate a global "sustainable consumption and living" system to encourage and enable customers and users to purchase and use products in ways compatible with Responsible and Consumption or Living business model (12) In line with this reach between 25% -50% sale or purchases of high quality "non-disposable" products we sell certifying the quality against clear criteria (14) by no later than December 2017

iii. raise 'consumer' awareness and change attitudes and demands or expectations regarding modes of use and ownership of clothing, (apparel, footwear and home textile products) and the need to work towards eliminating "linear/non circular" and "disposable" (designed for short lifespan) products. For example by advertising in the context of education pilot projects and campaigns for shaping and training new 'social practice' (building skills and functional understanding beyond just providing more information) by no later than 1 July 2016

7. Self reporting on the Detox Commitment

Kaufland delivers a full public schedule of evidence supporting the delivery of each and every component of this Detox commitment by no later than the date indicated in this Detox commitment. The core responsibility principles for delivering on our commitment are:

i. **Kaufland** will always proactively provide the public precise schedules for all our detailed and credible evidence (e.g. all hazardous chemical testing via the use of our company MRSL) supporting the delivery of all aspects of our Detox commitment.

ii. **Kaufland** is responsible to proactively, publicly and transparently provide full details as to any deviations from the delivery of any aspect of our Detox commitment, and to effectively resolve within no more than 30 days.

Endnotes:

(1) All hazardous chemicals mean all those that show intrinsically hazardous properties: persistent, bioaccumulative and toxic (PBT); very persistent and very bioaccumulative (vPvB); carcinogenic, mutagenic and toxic for reproduction (CMR); endocrine disruptors (ED), or other properties of equivalent concern, (not just those that have been regulated or restricted in other regions).

(2) This means solutions are focused on elimination of hazardous chemical use at source, not by end-of-pipe techniques or via risk management. This requires either substitution with non-hazardous chemicals or where necessary finding non- chemical alternative solutions, such as re-evaluating product design or the functional need for chemicals.

(3) This means taking preventive action before waiting for conclusive scientific proof regarding cause and effect between the substance (or activity) and the damage. It is based on the assumption that some hazardous substances cannot be rendered harmless by the receiving environment (i.e. there are no 'environmentally acceptable'/ 'safe' use or discharge levels) and that prevention of potentially serious or irreversible damage is required, even in the absence of full scientific certainty. The process of applying the Precautionary Principle must involve an examination of the full range of alternatives, including, where necessary, substitution through the development of sustainable alternatives where they do not already exist.

(4) Zero discharge means elimination of all releases, via all pathways of release, i.e. discharges, emissions and losses, from our supply chain and our products. "Elimination" or "zero" means 'not detectable, to the limits of the best current technology', and only background levels of naturally occurring substances are acceptable.

(5) This means the commitment applies to the environmental practices of the entire company (group, and all entities it directs or licences) and for all own brands and direct imports, produced or sold by **Kaufland** or any of its subsidiaries. This includes all its suppliers or facilities horizontally across all owned brands and licensed companies as well as vertically down its supply chain.

(6) Right to Know is defined as practices that allow members of the public access to environmental information – in this case specifically about the uses and discharges of chemicals based on reported quantities of releases of hazardous chemicals to the environment, chemical-by-chemical, facility-by-facility, at least year-by-year.

(7) One generation is generally regarded as 20-25 years.

(8) The 11 priority hazardous chemical groups are: 1. Alkyl phenols & their ethoxylates (APEOS) 2. Phthalates 3.Brominated and chlorinated flame retardants 4. Azo dyes (that release carcinogenic amines through reductive cleavage) 5. Organotin compounds 6. Per- and poly-fluorinated chemicals 7. Chlorobenzenes 8. Chlorinated solvents 9. Chlorophenols 10. Short chain chlorinated paraffins 11. Heavy metals such as cadmium, lead, mercury and chromium (VI).

(9) Polyfluorinated compounds, such as fluorotelomers, can serve as precursors that degrade to form perfluorinated carboxylic acids, e.g. PFOA

(11) Extended and Producer Responsibility is individual and global company responsibility to ensure the whole lifecycle of a product and the delivery of a function (from sourcing and design to use, re-use and recycling or final decontamination and treatment):

- protects the well-being of the natural environment, stays within planetary boundary limits and supports the socio-economic well-being of workers and local communities;
- ensures the system for end-of-life collection achieves high use of product and material quality through effective collection, disassembly and re-use or recycling;
- ensures the system for reuse (or any life-extension of the product), recycling and final treatment incentivises changes in design by the product designer both financially , through internalization of the real own-brand/differentiated end-of-life costs into the company business model, and through information feedback, including to other actors in the extended life-cycle;
- includes supporting and implementing fully circular resource use and full resource stewardship (recognizing that natural resources are not 'owned' but 'borrowed' to meet a need).

(12) Responsible Design and Consumption or Living business models – are systems of products and services that are designed to deliver functions to meet needs, integrating full circularity and EPR (as defined above). These systems include a comprehensive process for identifying all lifecycle aspects, considering the most responsible design, production, product use and closed-loop reuse and recycling, aiming to maximize the use of closed-loop and slow-loop manufacturing and value creation. Closed loop systems should give preference to local solutions where possible.

(13) Take-back programmes shall enable high use of products and materials in the form of re-use and recycling through effective collection maintaining or upgrading material quality. Un reusable or recyclable materials should be sent to decontamination or environmentally-sound treatment. Take-back programmes shall ensure the products are taken back to and by the original producer or the retailer and return to their legal ownership, to ensure that full financial incentives are created to find better value options for the reuse of these materials. Programmes shall ensure that collected articles and materials are not being exported to any location where there is no equivalent re-collection and reuse/recycling system in place in order to avoid single re-use and landfill and incineration in, inter-alia, East EU or Africa.

(14) High quality criteria should include at least organic materials content e.g. GOTS certified and lifespan guarantee e.g. 3-5 years minimum customer guarantee for repair or replacement if brought back.

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Annex 1 - Detox hazardous chemical screening methodology:

Any hazardous chemical screening methodology should include (but not be limited to) the following requirements

1) Has a hazard based approach without use of any 'risk based' criteria for excluding certain chemicals.
2) The hazard approach should include a broad range of hazardous categories, ie at least those considered under EU REACH regulation.
3) Make use of a wide range of sources of information (e.g. at least all publically available information).
4) Make use of cautious thresholds in hazardous criteria setting (ie at least those used under best practice regulation and conventions)
5) Incorporate ongoing assessment of the effectiveness of the screening tool at identifying hazardous substances (e.g. by comparison of screening outcome with other forms of assessment for a sub-set of chemicals)
6) The full criteria and methods applied and full data behind results must be open to public scrutiny, including the types of hazardous property which must be evaluated and any thresholds used as well as full transparency on the information sources used to assess hazard
7) The screening methodology approach must take account of the hazards of accessory chemical and/ or breakdown products which are generated through the use or release of any one particular chemical ingredient.
8) The screening methodology must recognise the importance of physical form e.g. nanomaterials, polymers and whole products where applicable.
9) Where there are legitimate reasons for concern regarding the intrinsic hazards of a chemical, even if information is insufficient to verify those hazards, action must be taken to obtain sufficient information to enable adequate assessment of the chemical. When there is no information on the chemical the `hazardous until proven non- hazardous´ assumption should apply. This includes making assessments on a chemical group basis, drawing on information for closely related chemicals

Kaufland Manufacturing Restricted Substances List (MRSL)
Version 1.0 - Status February 2016

The Kaufland MRSL defines the hazardous chemicals which need to be phased out,from the production and products (apparel, footwear and home textiles) till 2020. For all chemicals limit values for products, waste water, sludge and input chemicals have been defined. These detection/reporting limits and test methods will be revised - at least yearly, to always reflect best current technology using lowest detection/reporting limits. At any step of the supply chain, responsible handling of chemicals (purchase, use and disposal) must be implemented. Kaufland strategy to eliminate hazardous chemicals in the supply chain and improve chemical management will be achieved by strengthening both training and auditing at our suppliers.

				Limits				Test Method				
MRSL No GP	MRSL No	Substance	CAS-nr.	Input: Chemical Formulations / Output: Waste water (µg/l)	Output: Waste Water Sludge (mg/kg)	Product section / Limits - Textiles	Product section / Limits - Shoes	Input: Chemical Formulations	Output: Waste water	Output: Sludge	Output: Products	STATUS Banned/ phase-out
	1	**1. Alkylphenols (APEO)**										
1	2	4-(1,1,3,3-Tetramethylbutyl)-phenol (octylphenols)	140-66-9	1	0,4	100 mg/kg	100 mg/kg	Solvent extraction DIN EN ISO 18857 LC/MS mod, resp. NPEO(1+2): GC/MS	Solvent extraction DIN EN ISO 18857 LC/MS mod, resp. NPEO(1+2): GC/MS	Solvent extraction DIN EN ISO 18857 LC/MS mod, resp. NPEO(1+2): GC/MS	Solvent Extraction, GC-MS (AP) & LC-MS (APEO) analysis.	phase out
2	3	OctylPhenol	27193-28-8	1	0,4	100 mg/kg	100 mg/kg					phase out
3	4	4-Octylphenol	1806-26-4	1	0,4	100 mg/kg	100 mg/kg					phase out
	5	Nonylphenol NP	various	1	0,4	10 mg/kg	10 mg/kg					phase out
4	6	4-Nonylphenol	25154-52-3	1	0,4	10 mg/kg	10 mg/kg					phase out
5	7	Nonylphenol	104-40-5	1	0,4	10 mg/kg	10 mg/kg					phase out
6	8	Nonylphenol	90481-04-2	1	0,4	10 mg/kg	10 mg/kg					phase out
	9	4-Nonylphenol (branched)	84852-15-3	1	0,4	10 mg/kg	10 mg/kg					phase out
	10	Nonylphenol	1173019-62-9	1	0,4	10 mg/kg	10 mg/kg					phase out
7	11	Nonylphenol Ethoxylates NPEO (1-2)	various	1	0,4	50 mg/kg	50 mg/kg					phase out
8	12	Nonylphenol Ethoxylates NPEO (3-18)	various	1	0,4	50 mg/kg	50 mg/kg					phase out
9	13	(Nonylphenoxy)-polyethylenoxid	9016-45-9	1	0,4	50 mg/kg	50 mg/kg					phase out
10	14	4-Nonylphenol, ethoxylated	26027-38-3	1	0,4	50 mg/kg	50 mg/kg					phase out
9	15	(NPEs 3-18) Poly(oxy-1,2-ethanediyl), .alpha.- (nonylphe	68412-54-4	1	0,4	50 mg/kg	50 mg/kg					phase out
9	16	4-Nonylphenol, branched, ethoxylated	127087-87-0	1	0,4	50 mg/kg	50 mg/kg					phase out
9	17	Isononylphenol-ethoxylate	37205-87-1	1	0,4	50 mg/kg	50 mg/kg					phase out
11	18	Octylphenol Ethoxylates OPEO (1-2)	various	1	0,4	500 mg/kg	500 mg/kg					phase out
12	19	Octylphenol Ethoxylates OPEO (3-18)	various	1	0,4	500 mg/kg	500 mg/kg					phase out
13	20	(OPEs 3-18) alpha-[4-(1,1,3,3- Tetramethylbutyl)phenyl]-w-hydroxypoly(oxy-1,2-ethandiyl) (SIN List OPEs)	9002-93-1	1	0,4	500 mg/kg	500 mg/kg					phase out
	21	4-tert-Octylphenolethoxylate	9036-19-5	1	0,4	500 mg/kg	500 mg/kg					phase out
13	22	4-tert-Octylphenolethoxylate	68987-90-6	1	0,4	500 mg/kg	500 mg/kg					phase out
	23	**2. Phthalates**										
14	24	Di-Butyl Phthalate (DBP)	84-74-2	1	0,3	100 mg/kg / 1000 mg/kg	100 mg/kg / 700 mg/kg	Extraction with toluene, GC/MS resp. LC/MS.	Extraction with toluene, GC/MS resp. LC/MS.	Extraction with toluene, GC/MS resp. LC/MS.	EN ISO TS 16181; EN 14389; Solvent Extraction & GC-MS analysis.	phase out
15	25	Di(2-Ethyl Hexyl) Phthalate (DEHP)	117-81-7	1	0,3	100 mg/kg / 1000 mg/kg	100 mg/kg / 700 mg/kg					phase out
16	26	Benzyl Butyl Phthalate (BBP)	85-68-7	1	0,3	100 mg/kg / 1000 mg/kg	100 mg/kg / 700 mg/kg					phase out

				Limits				Test Method				
MRSL No GP	MRSL No	Substance	CAS-nr.	Input: Chemical Formulations / Output: Waste water (µg/l)	Output: Waste Water Sludge (mg/kg)	Product section / Limits - Textiles	Product section / Limits - Shoes	Input: Chemical Formulations	Output: Waste water	Output: Sludge	Output: Products	STATUS Banned/ phase-out
17	27	Di-Iso-Nonyl Phthalate (DINP)	28553-12-0, 68515-48-0	1	0,3	100 mg/kg / 1000 mg/kg	100 mg/kg / 700 mg/kg				EN ISO TS 16181; EN 14389; Solvent Extraction & GC-MS analysis.	phase out
18	28	Di-N-Octyl Phthalate (DNOP)	117-84-0	1	0,3	100 mg/kg / 1000 mg/kg	100 mg/kg / 700 mg/kg					phase out
19	29	Di-Iso-Decyl Phthalate (DIDP)	26761-40-0, 68515-49-1	1	0,3	100 mg/kg / 1000 mg/kg	100 mg/kg / 700 mg/kg	Extraction with toluene, GC/MS resp. LC/MS.	Extraction with toluene, GC/MS resp. LC/MS.	Extraction with toluene, GC/MS resp. LC/MS.		phase out
20	30	Di-Iso-Butyl Phthalate (DIBP)	84-69-5	1	0,3	100 mg/kg / 1000 mg/kg	100 mg/kg / 700 mg/kg					phase out
21	31	Di-N-Hexyl Phthalate (DNHP)	84-75-3	1	0.3	100 mg/kg / 1000 mg/kg	100 mg/kg / 700 mg/kg					phase out
22	32	Di-(2-methoxyethyl)phthalate (DMEP)	117-82-8	1	0.3	100 mg/kg / 1000 mg/kg	100 mg/kg / 700 mg/kg					phase out
23	33	DHNUP	68515-42-4	1	0.3	100 mg/kg / 1000 mg/kg	100 mg/kg / 700 mg/kg					phase out
24	34	DIHP	71888-89-6	1	0.3	100 mg/kg / 1000 mg/kg	100 mg/kg / 700 mg/kg					phase out
25	35	DPP	131-18-0	1	0.3	100 mg/kg / 1000 mg/kg	100 mg/kg / 700 mg/kg					phase out
26	36	Diisopentylphthalte	605-50-5	1	0.3	100 mg/kg / 1000 mg/kg	100 mg/kg / 700 mg/kg					phase out
27	37	N-pentyl-isopentylphthalate	776297-69-9	1	0.3	100 mg/kg / 1000 mg/kg	100 mg/kg / 700 mg/kg					phase out
	38	1,2-Benzenedicarboxylic acid, dipentylester, branched an	84777-06-0	1	0.3	100 mg/kg / 1000 mg/kg	100 mg/kg / 700 mg/kg	Extraction with toluene GC/MS resp. LC/MS.	Extraction with toluene GC/MS resp. LC/MS.	Extraction with toluene GC/MS resp. LC/MS.	EN ISO TS 16181; EN 14389; Solvent Extraction & GC-MS analysis.	phase out
	39	1,2-Benzenedicarboxylic acid, dihexylester, branched and	68515-50-4	1	0.3	100 mg/kg / 1000 mg/kg	100 mg/kg / 700 mg/kg					phase out
	40	DEHA Bis(2-ethylhexyl) adipate	103-23-1	tbd	tbd	100 mg/kg / 1000 mg/kg	100 mg/kg / 700 mg/kg					phase out
	41	DEHT Bis(2-ethylhexyl)ester	6422-86-2	tbd	tbd	100 mg/kg / 1000 mg/kg	100 mg/kg / 700 mg/kg					phase out
	42	1,2-benzenedicarboxylic acid, di-C6-10alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate (CAS 84-75-3)	68515-51-5 / 68648-93-1	1	0.3	100 mg/kg / 1000 mg/kg	100 mg/kg / 700 mg/kg	Extraction with toluene GC/MS resp. LC/MS.	Extraction with toluene GC/MS resp. LC/MS.	Extraction with toluene GC/MS resp. LC/MS.	EN ISO TS 16181; EN 14389; Solvent Extraction & GC-MS analysis.	phase out
	43	Dicyclohexylphthalate	84-61-7	1	0.3	100 mg/kg / 1000 mg/kg	100 mg/kg / 700 mg/kg					phase out
	44	**3. Brominated and Chlorinated Flame Retardants**										
	45	Polybrominated biphenyls (PBBs)	59536-65-1	0,05	0,3	use banned	n.a.	Extraction with toluene, GC-MS resp. LC/MS.	Extraction with toluene, GC-MS resp. LC/MS.	Extraction with toluene, GC-MS resp. LC/MS.	Solvent Extraction & GC-MS analysis.	banned 31.12.16
	46	Monobromo biphenyls (MonoBB)	Various	0,05	0,3	use banned	n.a.					banned 31.12.16
	47	Dibromo biphenyls (DiBB)	-	0,05	0,3	use banned	n.a.					banned 31.12.16
	48	Tribromo biphenyls (TriBB)	-	0,05	0,3	use banned	n.a.					banned 31.12.16
	49	Tetrabromo biphenyls (TetraBB)	-	0,05	0,3	use banned	n.a.					banned 31.12.16
	50	Pentabromo biphenyls (PentaBB)	-	0,05	0,3	use banned	n.a.					banned 31.12.16
	51	Hexabromo biphenyls (HexaBB)	-	0,05	0,3	use banned	n.a.					banned 31.12.16
	52	Heptabromo biphenyls (HeptaBB)	-	0,05	0,3	use banned	n.a.					banned 31.12.16
	53	Octabromo biphenyls (OctaBB)	-	0,05	0,3	use banned	n.a.					banned 31.12.16
	54	Nonabromo biphenyls (NonaBB)	-	0,05	0,3	use banned	n.a.					banned 31.12.16
	55	Decabromo biphenyl (DecaBB)	13654-09-6	0,05	0,3	use banned	n.a.					banned 31.12.16
28	56	Polybrominated diphenyl ethers (PBDEs)	various	0,05	0,3	n.a.	n.a.					banned 31.12.16
29	57	Monobromo diphenyl ethers (MonoBDE)	-	0,05	0,3	n.a.	n.a.					banned 31.12.16
30	58	Dibromo diphenyl ethers (DiBDE)	-	0,05	0,3	n.a.	n.a.					banned 31.12.16

				Limits				Test Method				
MRSL No GP	MRSL No	Substance	CAS-nr.	Input: Chemical Formulations / Output: Waste water (µg/l)	Output: Waste Water Sludge (mg/kg)	Product section / Limits - Textiles	Product section / Limits - Shoes	Input: Chemical Formulations	Output: Waste water	Output: Sludge	Output: Products	STATUS Banned/ phase-out
31	59	Tribromo diphenyl ethers (TriBDE)	-	0,05	0,3	n.a.	n.a.	Extraction with toluene, GC-MS resp. LC/MS.	Extraction with toluene, GC-MS resp. LC/MS.	Extraction with toluene, GC-MS resp. LC/MS.	Solvent Extraction & GC-MS analysis.	banned 31.12.16
32	60	Tetrabromo diphenyl ethers (TetraBDE)	40088-47-9	0,05	0,3	use banned	n.a.					banned 31.12.16
33	61	Pentabromo diphenyl ethers (PentaBDE)	32534-81-9	0,05	0,3	use banned	n.a.					banned 31.12.16
34	62	Hexabromo diphenyl ethers (HexaBDE)	36483-60-0	0,05	0,3	use banned	n.a.					banned 31.12.16
35	63	Heptabromo diphenyl ethers (HeptaBDE)	68928-80-3	0,05	0,3	use banned	n.a.					banned 31.12.16
36	64	Octabromo diphenyl ethers (OctaBDE)	32536-52-0	0,05	0,3	use banned	n.a.					banned 31.12.16
37	65	Nonabromo diphenyl ethers (NonaBDE)	63936-56-1	0,05	0,3	n.a.	n.a.	Extraction with toluene, GC-MS resp. LC/MS.	Extraction with toluene, GC-MS resp. LC/MS.	Extraction with toluene, GC-MS resp. LC/MS.	Solvent Extraction & GC-MS analysis.	banned 31.12.16
38	66	Decabromo diphenyl ether (DecaBDE)	1163-19-5	0,05	0,3	use banned	1000 mg/kg					banned 31.12.16
39	67	Tris(2,3-Dibromopropyl)-Phosphate	126-72-7	0,5	0,25	use banned	n.a.					banned 31.12.16
40	68	Tris(2-Chloroethyl)Phosphate (TCEP)	115-96-8	0,05	0,5	1000 mg/kg	n.a.					banned 31.12.16
41	69	Hexabromocyclododecane (HBCDD)	134237-50-6, 134237-51-7, 134237-52-8, 25637-99-4, 3194-55-6	0.5	0.25	1000 mg/kg	1000 mg/kg					banned 31.12.16
42	70	Tetrabromo-bisphenol A (TBBPA)	79-94-7	0,5	0,25	use banned	n.a.					banned 31.12.16
43	71	Bis (2,3-dibromopropyl) phosphate (TRIS)	5412-25-9	25	0,25	use banned	n.a.	Extraction with toluene, GC-MS resp. LC/MS.	Extraction with toluene, GC-MS resp. LC/MS.	Extraction with toluene, GC-MS resp. LC/MS.	Solvent Extraction & GC-MS analysis.	banned 31.12.16
44	72	Tris(1,3-dichloro-2-propyl)phosphate (TDCPP)	13674-87-8	0,5	0,5	use banned	n.a.					banned 31.12.16
45	73	Tris (1-chloro-2-propyl) phosphate (TCPP)	13674-84-5	0,5	0,5		n.a.					banned 31.12.16
	74	TEPA	545-55-1	0,5	0,5	use banned	n.a.					banned 31.12.16
409	75	Sodium tetraborate	1303-96-4 1303-43-4 12179-04-3 215-540-4	5	1	use banned	n.a.	total digestion, ICP/MS, for total boron	total digestion, ICP/MS, for total boron	total digestion, ICP/MS, for total boron	Solvent extraction and GC-MS / LC-MS analysis	banned 31.12.16
408	76	Boron trioxide	1303-86-2	5	1	use banned	n.a.					banned 31.12.16
408	77	Boric acid	10043-35-3 11113-50-1	5	1	use banned	n.a.					banned 31.12.16
	78	Antimony trioxide	1309-64-4	1	1	n.a.	n.a.	total digestion, ICP/MS	total digestion, ICP/MS	total digestion, ICP/MS	n.a.	banned 31.12.16
	79	Tri-o-cresyl phosphate	78-30-8	0,5	0,5	n.a.	n.a.	Extraction with toluene, GC-MS resp. LC/MS.	Extraction with toluene, GC-MS resp. LC/MS.	Extraction with toluene, GC-MS resp. LC/MS.	n.a.	banned 31.12.16
	80	2,2-Bis(bromomethyl)1,3-propanediol	3296-90-0	tbd	tbd	use banned	n.a.	under development	under development	under development	Solvent extraction and GC-MS / LC-MS analysis	banned 31.12.16
	81	**4. Amines (associated with Azo dyes)**										
46	82	4-Aminodiphenyl	92-67-1	0,1	0,3	20 mg/kg	20 mg/kg+ Xylidine, p-Aminoazobenzene: each 5mg/kg	With teference to EN14362:1&3 , followed by GC/MS and /or HPLC	With teference to EN14362:1&3 , followed by GC/MS and /or HPLC	With teference to EN14362:1&3 , followed by GC/MS and /or HPLC	EN 14362-1 & -3; ISO 17234-1 & -2; Leather.GB/T 17592; GB/T 23344 (4-aminozobenzene)	banned 31.12.19
47	83	Benzidine	92-87-5	0,1	0,3	20 mg/kg						banned 31.12.19
48	84	4-Chloro-o-Toluidine	95-69-2	0,1	0,3	20 mg/kg						banned 31.12.19
49	85	2-Naphthylamine	91-59-8	0,1	0,3	20 mg/kg						banned 31.12.19
50	86	o-Aminoazotoluene	97-56-3	0,1	0,3	20 mg/kg						banned 31.12.19
51	87	2-Amino-4-Nitrotoluene	99-55-8	0,1	0,3	20 mg/kg						banned 31.12.19
52	88	p-Chloroaniline	106-47-8	0,1	0,3	20 mg/kg						banned 31.12.19
53	89	2,4-Diaminoanisole	615-05-4	0,1	0,3	20 mg/kg						banned 31.12.19

				Limits				Test Method				
MRSL No GP	MRSL No	Substance	CAS-nr.	Input: Chemical Formulations / Output: Waste water (µg/l)	Output: Waste Water Sludge (mg/kg)	Product section / Limits - Textiles	Product section / Limits - Shoes	Input: Chemical Formulations	Output: Waste water	Output: Sludge	Output: Products	STATUS Banned/ phase-out
54	90	4,4'-Diaminodiphenylmethane	101-77-9	0,1	0,3	20 mg/kg	20 mg/kg+ Xylidine, p-Aminoazobenzene: each 5mg/kg	With teference to EN14362:1&3 , followed by GC/MS and /or HPLC	With teference to EN14362:1&3 , followed by GC/MS and /or HPLC	With teference to EN14362:1&3 , followed by GC/MS and /or HPLC	EN 14362-1 & -3; ISO 17234-1 & -2; Leather.GB/T 17592; GB/T 23344 (4-aminozobenzene)	banned 31.12.19
55	91	3,3'-Dichlorobenzidine	91-94-1	0,1	0,3	20 mg/kg						banned 31.12.19
56	92	3,3'-Dimethoxybenzidine	119-90-4	0,1	0,3	20 mg/kg						banned 31.12.19
57	93	3,3'-Dimethylbenzidine	119-93-7	0,1	0,3	20 mg/kg						banned 31.12.19
58	94	3,3'-Dimethyl-4,4'diaminodiphenylmethane	838-88-0	0,1	0,3	20 mg/kg	20 mg/kg+ Xylidine, p-Aminoazobenzene: each 5mg/kg	With Reference To EN14362:1&3 And Followed By Gas Chromatographic – Mass Spectrometric (GC-MS) And High Performance Liquid Chromatographic	With Reference To EN 14362:1&3 And Followed By Gas Chromatographic – Mass Spectrometric (GC-MS) And High Performance Liquid Chromatographic	With Reference To EN 14362:1&3 And Followed By Gas Chromatographic – Mass Spectrometric (GC-MS) And High Performance Liquid Chromatographic	EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592 ; GB/T 23344 (4-aminozobenzene)	banned 31.12.19
59	95	p-Cresidine	120-71-8	0,1	0,3	20 mg/kg						banned 31.12.19
60	96	4,4'-Methylene-Bis(2-Chloroaniline)	101-14-4	0,1	0,3	20 mg/kg						banned 31.12.19
61	97	4,4'-Oxydianiline	101-80-4	0,1	0,3	20 mg/kg						banned 31.12.19
62	98	4,4'-Thiodianiline	139-65-1	0,1	0,3	20 mg/kg						banned 31.12.19
63	99	o-Toluidine	95-53-4	0,1	0,3	20 mg/kg						banned 31.12.19
64	100	2,4-Toluylenediamine	95-80-7	0,1	0,3	20 mg/kg						banned 31.12.19
65	101	2,4,5-Trimethylaniline	137-17-7	0,1	0,3	20 mg/kg	20 mg/kg+ Xylidine, p-Aminoazobenzene: each 5mg/kg	With Reference To EN14362:1&3 And Followed By Gas Chromatographic – Mass Spectrometric (GC-MS) And High Performance Liquid Chromatographic	With Reference To EN14362:1&3 And Followed By Gas Chromatographic – Mass Spectrometric (GC-MS) And High Performance Liquid Chromatographic	With Reference To EN14362:1&3 And Followed By Gas Chromatographic – Mass Spectrometric (GC-MS) And High Performance Liquid Chromatographic	EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592	banned 31.12.19
66	102	o-Anisidine	90-04-0	0,1	0,3	20 mg/kg						banned 31.12.19
67	103	p-Aminoazobenzene	60-09-3	0,1	0,3	5 mg/kg						banned 31.12.19
68	104	2,4-Xylidine	95-68-1	0,1	0,3	5 mg/kg						banned 31.12.19
69	105	2,6-Xylidine	87-62-7	0,1	0,3	5 mg/kg						banned 31.12.19
	106	Navy Blue 018112	118685-33-9	1000	tbd	1000 mg/kg	1000 mg/kg	Extraction, LC-DAD-MS	Extraction, LC-DAD-MS	Extraction, LC-DAD-MS	Extraction with Methanol, 70°C ultrasonic, LC/MS	banned 31.12.19
	107	**Subgroup: Carcinogenic dyes**										
183	108	C.I Acid Red 26	3761-53-3	15	0,2	not detectable	not detectable	based on DIN 54231	based on DIN 54231	based on DIN 54231	based on DIN 54231	phase out
196	109	C.I. Basic Red 9	569-61-9	15	0,2	not detectable	not detectable	based on DIN 54231	based on DIN 54231	based on DIN 54231	based on DIN 54231	phase out
	110	C.I. Basic Violet 14	632-99-5	15	0,2	not detectable	not detectable	based on DIN 54231	based on DIN 54231	based on DIN 54231	based on DIN 54231	phase out
	111	C.I Direct Blue 6	2602-46-2	15	0,2	not detectable	not detectable	based on DIN 54231	based on DIN 54231	based on DIN 54231	based on DIN 54231	phase out
	112	C.I Direct Red 28	573-58-0	15	0,2	not detectable	not detectable	based on DIN 54231	based on DIN 54231	based on DIN 54231	based on DIN 54231	phase out
	113	C.I Direct Black 38	1937-37-7	15	0,2	not detectable	not detectable	based on DIN 54231	based on DIN 54231	based on DIN 54231	based on DIN 54231	phase out
203	114	C.I Disperse Blue 1	2475-45-8	15	0,2	not detectable	not detectable	based on DIN 54231	based on DIN 54231	based on DIN 54231	based on DIN 54231	phase out
187	115	C.I. Disperse Yellow 3	2832-40-8	15	0,2	not detectable	not detectable	based on DIN 54231	based on DIN 54231	based on DIN 54231	based on DIN 54231	phase out
207	116	C.I. Disperse Orange 11	82-28-0	15	0,2	not detectable	not detectable	based on DIN 54231	based on DIN 54231	based on DIN 54231	based on DIN 54231	phase out
	117	C.I. Disperse Yellow 23	6250-23-3	15	0,2	not detectable	not detectable	based on DIN 54231	based on DIN 54231	based on DIN 54231	based on DIN 54231	phase out
	118	C.I. Disperse Orange 149	85136-74-9	15	0,2	not detectable	not detectable	based on DIN 54231	based on DIN 54231	based on DIN 54231	based on DIN 54231	phase out
188	119	C.I. Solvent Yellow 2	60-11-7	15	0,2	not detectable	not detectable	based on DIN 54231	based on DIN 54231	based on DIN 54231	based on DIN 54231	phase out
185	120	C.I. Solvent Yellow 14	842-07-9	15	0,2	not detectable	not detectable	based on DIN 54231	based on DIN 54231	based on DIN 54231	based on DIN 54231	phase out
	121	C.I. Basic Blue 26	2580-56-5	15	0,2	20 mg/kg	20 mg/kg	based on DIN 54231	based on DIN 54231	based on DIN 54231	based on DIN 54231	phase out
	122	C.I. Basic Violet 1	8004-87-3	15	0,2	not detectable	not detectable	based on DIN 54231	based on DIN 54231	based on DIN 54231	based on DIN 54231	phase out
	123	C.I. Basic Violet 3	548-62-9	tbd	tbd	20 mg/kg	20 mg/kg	based on DIN 54231	based on DIN 54231	based on DIN 54231	based on DIN 54231	phase out

				Limits				Test Method				
MRSL No GP	MRSL No	Substance	CAS-nr.	Input: Chemical Formulations / Output: Waste water (µg/l)	Output: Waste Water Sludge (mg/kg)	Product section / Limits - Textiles	Product section / Limits - Shoes	Input: Chemical Formulations	Output: Waste water	Output: Sludge	Output: Products	STATUS Banned/ phase-out
	124	C.I. Direct Brown 95	16071-86-6	15	0,2	not detectable	not detectable	based on DIN 54231	based on DIN 54231	based on DIN 54231	based on DIN 54231	phase out
	125	C.I. Direct Blue 15	2429-74-5	15	0,2	not detectable	not detectable	based on DIN 54231	based on DIN 54231	based on DIN 54231	based on DIN 54231	phase out
189	126	C.I. Direct Blue 218	28407-37-6	15	0,2	not detectable	not detectable	based on DIN 54231	based on DIN 54231	based on DIN 54231	based on DIN 54231	phase out
	127	C.I Acid Red 114	6459-94-5	15	0,2	not detectable	not detectable	based on DIN 54231	based on DIN 54231	based on DIN 54231	based on DIN 54231	phase out
194	128	C.I Acid Violet 49	1694-09-3	15	0,2	not detectable	not detectable	based on DIN 54231	based on DIN 54231	based on DIN 54231	based on DIN 54231	phase out
	129	**Subgroup: Allergenic Disperse Dyes**										
203	130	C.I. Disperse Blue 1	2475-45-8	15	0,2	75 mg/kg (5 mg/l)	75 mg/kg (5 mg/l)	based on DIN 54231	based on DIN 54231	based on DIN 54231	based on DIN 54231	phase out
	131	C.I. Disperse Blue 3	2475-46-9	15	0,2	75 mg/kg (5 mg/l)	75 mg/kg (5 mg/l)	based on DIN 54231	based on DIN 54231	based on DIN 54231	based on DIN 54231	phase out
	132	C.I. Disperse Blue 7	3179-90-6	15	0,2	75 mg/kg (5 mg/l)	75 mg/kg (5 mg/l)	based on DIN 54231	based on DIN 54231	based on DIN 54231	based on DIN 54231	phase out
	133	C.I. Disperse Blue 26	3860-63-7	15	0,2	75 mg/kg (5 mg/l)	75 mg/kg (5 mg/l)	based on DIN 54231	based on DIN 54231	based on DIN 54231	based on DIN 54231	phase out
	134	C.I. Disperse Blue 35	12222-75-2	15	0,2	75 mg/kg (5 mg/l)	75 mg/kg (5 mg/l)	based on DIN 54231	based on DIN 54231	based on DIN 54231	based on DIN 54231	phase out
	135	C.I. Disperse Blue 102	12222-97-8	15	0,2	75 mg/kg (5 mg/l)	75 mg/kg (5 mg/l)	based on DIN 54231	based on DIN 54231	based on DIN 54231	based on DIN 54231	phase out
	136	C.I. Disperse Blue 106	12223-01-7	15	0,2	75 mg/kg (5 mg/l)	75 mg/kg (5 mg/l)	based on DIN 54231	based on DIN 54231	based on DIN 54231	based on DIN 54231	phase out
	137	C.I. Disperse Blue 124	61951-51-7	15	0,2	75 mg/kg (5 mg/l)	75 mg/kg (5 mg/l)	based on DIN 54231	based on DIN 54231	based on DIN 54231	based on DIN 54231	phase out
	138	C.I. Disperse Brown 1	23355-64-8	15	0,2	75 mg/kg (5 mg/l)	75 mg/kg (5 mg/l)	based on DIN 54231	based on DIN 54231	based on DIN 54231	based on DIN 54231	phase out
	139	C.I. Disperse Orange 1	2581-69-3	15	0,2	75 mg/kg (5 mg/l)	75 mg/kg (5 mg/l)	based on DIN 54231	based on DIN 54231	based on DIN 54231	based on DIN 54231	phase out
	140	C.I. Disperse Orange 3	730-40-5	15	0,2	75 mg/kg (5 mg/l)	75 mg/kg (5 mg/l)	based on DIN 54231	based on DIN 54231	based on DIN 54231	based on DIN 54231	phase out
	141	C.I. Disperse Orange 37/76	13301-61-6	15	0,2	75 mg/kg (5 mg/l)	75 mg/kg (5 mg/l)	based on DIN 54231	based on DIN 54231	based on DIN 54231	based on DIN 54231	phase out
	142	C.I. Disperse Red 1	2872-52-8	15	0,2	75 mg/kg (5 mg/l)	75 mg/kg (5 mg/l)	based on DIN 54231	based on DIN 54231	based on DIN 54231	based on DIN 54231	phase out
	143	C.I. Disperse Red 11	2872-48-2	15	0,2	75 mg/kg (5 mg/l)	75 mg/kg (5 mg/l)	based on DIN 54231	based on DIN 54231	based on DIN 54231	based on DIN 54231	phase out
	144	C.I. Disperse Red 17	3179-89-3	15	0,2	75 mg/kg (5 mg/l)	75 mg/kg (5 mg/l)	based on DIN 54231	based on DIN 54231	based on DIN 54231	based on DIN 54231	phase out
	145	C.I. Disperse Yellow 1	119-15-3	15	0,2	75 mg/kg (5 mg/l)	75 mg/kg (5 mg/l)	based on DIN 54231	based on DIN 54231	based on DIN 54231	based on DIN 54231	phase out
	146	C.I. Disperse Yellow 3	2832-40-8	15	0,2	75 mg/kg (5 mg/l)	75 mg/kg (5 mg/l)	based on DIN 54231	based on DIN 54231	based on DIN 54231	based on DIN 54231	phase out
	147	C.I. Disperse Yellow 9	6373-73-5	15	0,2	75 mg/kg (5 mg/l)	75 mg/kg (5 mg/l)	based on DIN 54231	based on DIN 54231	based on DIN 54231	based on DIN 54231	phase out
	148	C.I. Disperse Yellow 39	12236-29-2	15	0,2	75 mg/kg (5 mg/l)	75 mg/kg (5 mg/l)	based on DIN 54231	based on DIN 54231	based on DIN 54231	based on DIN 54231	phase out
	149	C.I. Disperse Yellow 49	54824-37-2	15	0,2	75 mg/kg (5 mg/l)	75 mg/kg (5 mg/l)	based on DIN 54231	based on DIN 54231	based on DIN 54231	based on DIN 54231	phase out
	150	**5. Organotin compounds**										
70	151	MBT(Monobutyltin)	78763-54-9	0.01	0.01	0,05mg/kg /0,1 mg/kg	1 mg/kg sum with DOT, TPhT	With Reference to DIN EN17353, followed by GC/MS Analysis.	With Reference to DIN EN17353, followed by GC/MS Analysis.	Solvent extraction, derivatisation with tetraethylborate, GC/MS.	Extraction / Derivation followed by GC/MS analysis	banned 31.12.19
71	152	DBT(Dibutyltin)	1002-53-5	0.01	0.01	0,05 mg/kg /0,1 mg/kg	0,05 mg/kg / 0,1 mg/kg					banned 31.12.19
72	153	TBT(Tributyltin)	36643-28-4	0.01	0.01	0,5 mg/kg / 1,0 mg/kg	0,05 mg/kg / 0,1 mg/kg					banned 31.12.19
82	154	TPhT(Triphenyltin)	668-34-8	0.01	0.01	0,5 mg/kg / 1,0 mg/kg	n.a.					banned 31.12.19
73	155	DOT(Dioctyltin)	94410-05-6	0.01	0.01	1,0 mg/kg /2,0 mg/kg	n.a.					banned 31.12.19
74	156	MOT(Monooctyltin)	15231-44-4	0.01	0.01	1,0 mg/kg /2,0 mg/kg	n.a.					banned 31.12.19
75	157	DPhT(Diphenyltin)	1011-95-6; 6381-06-2	0.01	0.01	1,0 mg/kg /2,0 mg/kg	n.a.	With Reference to DIN EN17353, followed by GC/MS Analysis.	With Reference to DIN EN17353, followed by GC/MS Analysis.	Solvent extraction, derivatisation with tetraethylborate, GC/MS.	Extraction / Derivation followed by GC/MS analysis	banned 31.12.19

				Limits				Test Method				
MRSL No GP	MRSL No	Substance	CAS-nr.	Input: Chemical Formulations / Output: Waste water (µg/l)	Output: Waste Water Sludge (mg/kg)	Product section / Limits - Textiles	Product section / Limits - Shoes	Input: Chemical Formulations	Output: Waste water	Output: Sludge	Output: Products	STATUS Banned/ phase-out
76	158	TeBT(Tetrabutyltin)	1461-25-2	0.01	0.01	1,0 mg/kg /2,0 mg/kg	n.a.	With Reference to DIN EN17353, followed by GC/MS Analysis.	With Reference to DIN EN17353, followed by GC/MS Analysis.	Solvent extraction, derivatisation with tetraethylborate, GC/MS.	Extraction / Derivation followed by GC/MS analysis	banned 31.12.19
77	159	TCyT(TricyclohexylTin)	6056-50-4	0.01	0.01	1,0 mg/kg /2,0 mg/kg	n.a.					banned 31.12.19
78	160	TPT(Tripropyltin)	NA	0.01	0.01	1,0 mg/kg /2,0 mg/kg	n.a.					banned 31.12.19
79	161	TeET(Tetraethyltin)	597-64-8	0.01	0.01	n.a.	n.a.					banned 31.12.19
80	162	TBTO	56-35-9	0.01	0.01	n.a.	n.a.				n.a.	banned 31.12.19
81	163	DBTC	683-18-1	tbd	tbd	n.a.	n.a.				n.a.	banned 31.12.19
83	164	DBB	75113-37-0	tbd	tbd	n.a.	n.a.				n.a.	banned 31.12.19
	165	DMT		0,01	0,01	1,0 mg/kg /2,0 mg/kg	n.a.	With Reference to DIN EN17353, followed by GC/MS Analysis.	With Reference to DIN EN17353, followed by GC/MS Analysis.	Solvent extraction, derivatisation with tetraethylborate, GC/MS.	Extraction / Derivation followed by GC/MS analysis	banned 31.12.19
	166	DPT				1,0 mg/kg /2,0 mg/kg	n.a.					banned 31.12.19
	167	MT		tbd	tbd	1,0 mg/kg /2,0 mg/kg	n.a.					banned 31.12.19
	168	TMT		0,01	0,01	1,0 mg/kg /2,0 mg/kg	n.a.					banned 31.12.19
	169	TOT				1,0 mg/kg /2,0 mg/kg	n.a.					banned 31.12.19
	170	**6. PFCs (Perfluorocarbon / Polyfluorinated Compounds)**										
88	171	PFOA	335-67-1	0,01	0,001	1 µg/m²	0,05 mg/kg / 0,1 mg/kg	CEN/TS 15968 - modified	CEN/TS 15968 - modified	CEN/TS 15968 - modified	Solvent Extraction, LC-MSMS analysis.	banned 31.12.16
89	172	PFNA	375-95-1	0,5	0,001	0,05 / 0,1 mg/kg	n.a.					banned 31.12.16
95	173	PFBS	375-73-5 or 59933-66-3	0,5	0,001	n.a.	n.a.					banned 31.12.16
98	174	PFOS	1763-23-1	0,01	0,001	1 µg/m²	1 µg/m²					banned 31.12.16
100	175	4:2 FTOH	2043-47-2	0,5	0,01	n.a.	n.a.					banned 31.12.16
101	176	6:2 FTOH	647-42-7	0,5	0,01	n.a.	n.a.					banned 31.12.16
102	177	8:2 FTOH	678-39-7	0,5	0,01	n.a.	n.a.					banned 31.12.16
103	178	10:2 FTOH	865-86-1	0,5	0,01	n.a.	n.a.					banned 31.12.16
108	179	POSF	307-35-7	0,5	0,01	n.a.	n.a.					banned 31.12.16
96	180	PFHxS	355-46-4	0,5	0,001	n.a.	n.a.					banned 31.12.16
86	181	PFHxA	307-24-4	0,5	0,001	n.a.	n.a.					banned 31.12.16
107	182	PFOSA	754-91-6	0,5	0,01	n.a.	n.a.					banned 31.12.16
109	183	N-Me-FOSA	31506-32-8	0,5	0,01	n.a.	n.a.					banned 31.12.16
110	184	N-Et-FOSA	4151-50-2	0,5	0,01	n.a.	n.a.					banned 31.12.16
111	185	N-Me-FOSE alcohol	24448-09-7	0,5	0,01	n.a.	n.a.					banned 31.12.16
112	186	N-Et-FOSE alcohol	1691-99-2	0,5	0,01	n.a.	n.a.					banned 31.12.16
84	187	PFBA	375-22-4	0,5	0,001	n.a.	n.a.					banned 31.12.16
85	188	PFPeA	2706-90-3	0,5	0,001	n.a.	n.a.					banned 31.12.16
87	189	PFHpA	375-85-9	0,5	0,001	0,05 / 0,1 mg/kg	n.a.					banned 31.12.16
90	190	PFDA	335-76-2	0,5	0,001	0,05 / 0,1 mg/kg	n.a.					banned 31.12.16
91	191	PFUnA	2058-94-8	0,5	0,001	0,05 / 0,1 mg/kg	n.a.					banned 31.12.16

				Limits				Test Method				
MRSL No GP	MRSL No	Substance	CAS-nr.	Input: Chemical Formulations / Output: Waste water (µg/l)	Output: Waste Water Sludge (mg/kg)	Product section / Limits - Textiles	Product section / Limits - Shoes	Input: Chemical Formulations	Output: Waste water	Output: Sludge	Output: Products	STATUS Banned/ phase-out
92	192	PFDoA	307-55-1	0,5	0,001	0,05 / 0,1 mg/kg	n.a.	CEN/TS 15968:2010 - modified	CEN/TS 15968:2010 - modified	CEN/TS 15968:2010 - modified	Solvent Extraction, LC-MSMS analysis.	banned 31.12.16
93	193	PFTrA	72629-94-8	0,5	0,001	0,05 / 0,1 mg/kg	n.a.					banned 31.12.16
94	194	PfteA	376-06-7	0,5	0,001	0,05 / 0,1 mg/kg	n.a.					banned 31.12.16
97	195	PFHpS	375-92-8	0,5	0,001	n.a.	n.a.					banned 31.12.16
99	196	PFDS	335-77-3	0,5	0,001	n.a.	n.a.					banned 31.12.16
104	197	6:2 FTA	17527-29-6	0,5	0,01	n.a.	n.a.	CEN/TS 15968:2010 - modified	CEN/TS 15968:2010 - modified	CEN/TS 15968:2010 - modified	Solvent Extraction, LC-MSMS analysis.	banned 31.12.16
105	198	8:2 FTA	27905-45-9	0,5	0,01	n.a.	n.a.					banned 31.12.16
106	199	10:2 FTA	17741-60-5	0,5	0,01	n.a.	n.a.					banned 31.12.16
113	200	PF-3,7-DMOA	172155-07-6	0,5	0,001	n.a.	n.a.					banned 31.12.16
114	201	HPFHpA	1546-95-8	0,5	0,001	n.a.	n.a.					banned 31.12.16
115	202	4HPFUnA	34598-33-9	0,5	0,001	n.a.	n.a.					banned 31.12.16
116	203	1H, 1H, 2H, 2H-PFOS	27619-97-2	0,5	0,001	n.a.	n.a.					banned 31.12.16
	204	**7. Chloro benzenes**										
117	205	Dichlorobenzenes	various	0.02	0.01	1 mg/kg	n.a.	Solvent extraction followed by GC- MS analysis.	Solvent extraction followed by GC- MS analysis.	Solvent extraction followed by GC- MS analysis.	Solvent extraction followed by GC- MS analysis.	banned 31.12.19
118	206	1,2-Dichlorobenzene	95-50-1	0.02	0.01	1 mg/kg	n.a.					banned 31.12.19
119	207	1,3-Dichlorobenzene	541-73-1	0.02	0.01	1 mg/kg	n.a.					banned 31.12.19
120	208	1,4-Dichlorobenzene	106-46-7	0.02	0.01	1 mg/kg	n.a.					banned 31.12.19
121	209	Trichlorobenzenes	various	0.02	0.01	1 mg/kg	n.a.					banned 31.12.19
122	210	1,2,3-Trichlorobenzene	87-61-6	0.02	0.01	1 mg/kg	n.a.					banned 31.12.19
123	211	1,2,4-trichlorobenzene	120-82-1	0.02	0.01	1 mg/kg	n.a.					banned 31.12.19
124	212	1,3,5-Trichlorobenzene	108-70-3	0.02	0.01	1 mg/kg	n.a.					banned 31.12.19
125	213	Tetrachlorobenzene	12408-10-5	0.02	0.01	1 mg/kg	n.a.					banned 31.12.19
126	214	1,2,3,4-tetrachlorobenzene	634-66-2	0.02	0.01	1 mg/kg	n.a.					banned 31.12.19
127	215	1,2,3,5-tetrachlorobenzene	634-90-2	0.02	0.01	1 mg/kg	n.a.					banned 31.12.19
128	216	1,2,4,5-tetrachlorobenzene	95-94-3	0.02	0.01	1 mg/kg	n.a.					banned 31.12.19
129	217	Pentachlorobenzene	608-93-5	0.02	0.01	1 mg/kg	n.a.					banned 31.12.19
130	218	Hexachlorobenzene	118-74-1	0.02	0.01	1 mg/kg	n.a.					banned 31.12.19
131	219	Chlorobenzene	108-90-7	0.02	0.01	1 mg/kg	n.a.					banned 31.12.19
	220	**Chloro-Toluenes (solvents and biocides. Production dyes. Chemical Intermediates. Antifelting)**										
	221	2-chlorotoluene	95-49-8	0,02	0,01	1 mg/kg	n.a.	Solvent extraction followed by GC- MS analysis.	Solvent extraction followed by GC- MS analysis.	Solvent extraction followed by GC- MS analysis.	Solvent extraction followed by GC- MS analysis.	banned 31.12.19
	222	3-chlorotoluene	108-41-8	0,02	0,01	1 mg/kg	n.a.					banned 31.12.19
	223	4-chlorotoluene	106-43-4	0,02	0,01	1 mg/kg	n.a.					banned 31.12.19
	224	2,3-dichlorotoluene	32768-54-0	0,02	0,01	1 mg/kg	n.a.					banned 31.12.19
	225	2,4-dichlorotoluene	95-73-8	0,02	0,01	1 mg/kg	n.a.		Solvent extraction		Solvent extraction	banned 31.12.19

				Limits				Test Method				
MRSL No GP	MRSL No	Substance	CAS-nr.	Input: Chemical Formulations / Output: Waste water (µg/l)	Output: Waste Water Sludge (mg/kg)	Product section / Limits - Textiles	Product section / Limits - Shoes	Input: Chemical Formulations	Output: Waste water	Output: Sludge	Output: Products	STATUS Banned/ phase-out
	226	2,5-dichlorotoluene	19398-61-9	0,02	0,01	1 mg/kg	n.a.	Solvent extraction followed by GC- MS analysis.	Solvent extraction followed by GC- MS analysis.	Solvent extraction followed by GC- MS analysis.	Solvent extraction followed by GC- MS analysis.	banned 31.12.19
	227	2,6-dichlorotoluene	118-69-4	0,02	0,01	1 mg/kg	n.a.					banned 31.12.19
	228	3,4-dichlorotoluene	95-75-0	0,02	0,01	1 mg/kg	n.a.					banned 31.12.19
	229	2,3,6-trichlorotoluene	2077-46-5	0,02	0,01	1 mg/kg	n.a.	Solvent extraction followed by GC- MS analysis.	Solvent extraction followed by GC- MS analysis.	Solvent extraction followed by GC- MS analysis.	Solvent extraction followed by GC- MS analysis.	banned 31.12.19
	230	2,4,5-trichlorotoluene	6639-30-1	0,02	0,01	1 mg/kg	n.a.					banned 31.12.19
180	231	Benzotrichloride	98-07-7	tbd	tbd	1 mg/kg	n.a.					banned 31.12.19
178	232	alfa, trichlorotoluene	100-44-7	0,02	0,01	1 mg/kg	n.a.					banned 31.12.19
178	233	alfa, 2,4-trichlorotoluene	94-99-5	0,02	0,01	1 mg/kg	n.a.					banned 31.12.19
178	234	alfa, 2,6-trichlorotoluene	2014-83-7	0,02	0,01	1 mg/kg	n.a.					banned 31.12.19
178	235	alfa, 3,4-trichlorotoluene	102-47-6	0,02	0,01	1 mg/kg	n.a.					banned 31.12.19
181	236	alpha,alpha-Dichlorotoluene (Benzalchloride)	98-87-3	0,02	0,01	1 mg/kg	n.a.					banned 31.12.19
	237	alpha, alpha, 2,6-tetrachlorotoluene	81-19-6	0,02	0,01	1 mg/kg	n.a.					banned 31.12.19
	238	alpha, alpha, alpha, 2,-tetrachlorotoluene	2136-89-2	0,02	0,01	1 mg/kg	n.a.					banned 31.12.19
179	239	alpha, alpha, alpha, 4-tetrachlorotoluene	5216-25-1	0,02	0,01	1 mg/kg	n.a.					banned 31.12.19
	240	2,3,4,5,6-pentachlorotoluene	877-11-2	0,02	0,01	1 mg/kg	n.a.					banned 31.12.19
	241	**8. Chlorinated solvents**										
132	242	Dichloromethane	75-09-2	1	0.3	n.a.	n.a.	By Headspace Gas Chromatography Mass Spectrometric (HS – GC/MS) Analysis.	By Headspace Gas Chromatography Mass Spectrometric (HS – GC/MS) Analysis.	GC-MS Headspace analysis.	By Headspace Gas Chromatography Mass Spectrometric (HS – GC/MS) Analysis.	phase out
133	243	Chloroform	67-66-3	1	0.3	n.a.	n.a.					phase out
134	244	Tetrachloromethane	56-23-5	1	0.3	n.a.	n.a.					phase out
135	245	1,1,2-Trichloroethane	79-00-5	1	0.3	n.a.	n.a.					phase out
136	246	1,1-Dichloroethane	75-34-3	1	0.3	n.a.	n.a.					phase out
137	247	1,2-Dichloroethane	107-06-2	1	0.3	n.a.	n.a.					phase out
138	248	Trichloroethylene	79-01-6	1	0.3	n.a.	n.a.					phase out
139	249	Perchloroethylene	127-18-4	1	0.3	n.a.	n.a.					phase out
140	250	1,1,1-trichloroethane	71-55-6	1	0.3	n.a.	n.a.					phase out
141	251	1,1,1,2-Tetrachloroethane	630-20-6	1	0.3	n.a.	n.a.					phase out
142	252	1,1,2,2-Tetrachloroethane	79-34-5	1	0.3	n.a.	n.a.					phase out
143	253	Pentachloroethane	76-01-7	1	0.3	n.a.	n.a.					phase out
144	254	1,1-Dichloroethylene	75-35-4	1	0.3	n.a.	n.a.					phase out
	255	**Other VOCs**										
	256	Methyl-ethyl ketone	78-93-3	20	0,3	n.a.	n.a.	By Headspace Gas Chromatography Mass	By Headspace Gas Chromatography Mass	By Headspace Gas Chromatography Mass	n.a.	phase out

				Limits				Test Method				
MRSL No GP	MRSL No	Substance	CAS-nr.	Input: Chemical Formulations / Output: Waste water (µg/l)	Output: Waste Water Sludge (mg/kg)	Product section / Limits - Textiles	Product section / Limits - Shoes	Input: Chemical Formulations	Output: Waste water	Output: Sludge	Output: Products	STATUS Banned/ phase-out
324	257	Ethylbenzene	100-41-4	20	0,3	n.a.	n.a.	Spectrometric (HS – GC/MS) Analysis.	Spectrometric (HS – GC/MS) Analysis.	Spectrometric (HS – GC/MS) Analysis.	n.a.	phase out
	258	Xylene	1330-20-7	20	0,3	n.a.	n.a.	By Headspace Gas Chromatography Mass Spectrometric (HS – GC/MS) Analysis.	By Headspace Gas Chromatography Mass Spectrometric (HS – GC/MS) Analysis.	By Headspace Gas Chromatography Mass Spectrometric (HS – GC/MS) Analysis.	n.a.	phase out
	259	Cyclohexanone	108-94-1	20	2	n.a.	n.a.				n.a.	phase out
	260	2-ethoxyethylacetate	111-15-9	20	20	n.a.	n.a.	By Headspace Gas Chromatography Mass Spectrometric (HS – GC/MS) Analysis.	By Headspace Gas Chromatography Mass Spectrometric (HS – GC/MS) Analysis.	By Headspace Gas Chromatography Mass Spectrometric (HS – GC/MS) Analysis.	n.a.	phase out
145	261	1,2,3-trichloropropane	96-18-4	20	10	n.a.	n.a.				n.a.	phase out
	262	Acetophenone	98-86-2	20	0,3	n.a.	EVA: 10 mg/kg				Solvent extraction and GC-MS analysis	phase out
	263	2-phenyl-2-propanol	617-94-7	20	0,3	n.a.	EVA: 10 mg/kg					phase out
	264	2-Mercaptobenzothiazol	149-30-4	tbd	tbd	n.a.	EVA: 10 mg/kg					phase out
372	265	formamide	75-12-7	tbd	tbd	200 mg/kg	EVA: 30 mg/kg					phase out
313	266	N,N-dimethylformamide (DMFa)	68-12-2	20	0,3	1000 mg/kg	TPU/TPE/TPR: 30/300 mg/k					phase out
239	267	Bis-(2-methoxyethyl) ether	111-96-6	20	20	n.a.	n.a.				n.a.	phase out
321	268	1-methyl-2-pyrrolidone	872-50-4	20	50	1000 mg/kg	n.a.				n.a.	phase out
319	269	N,N-dimethylacetamide (DMAc)	127-19-5	20	20	1000 mg/kg	n.a.				n.a.	phase out
429	270	Styrene	100-42-5	20	0,3	n.a.	n.a.				n.a.	phase out
311	271	Benzene	71-43-2	20	0,3	n.a.	n.a.				n.a.	phase out
323	272	Toluene	108-88-3	20	0,3	n.a.	n.a.				n.a.	phase out
	273	**9. Chloro phenols**										
146	274	Pentachlorophenols (PCP)	87-86-5	0.5	0.025	0,05 / 0,5 mg/kg	5 mg/kg	Extraction / Derivation followed by GC-MS analysis	Extraction / Derivation followed by GC-MS analysis	Extraction / Derivation followed by GC-MS analysis	ISO 17070 (KOH), Extraction / Derivation followed by GC-MS analysis	banned 31.12.19
147	275	Tetrachlorophenols (TeCP)	25167-83-3	0.5	0.025	0,05 / 0,5 mg/kg	0,5 mg/kg					banned 31.12.19
148	276	2,3,4,5-Tetrachlorophenol	4901-51-3	0.5	0.025	0,05 / 0,5 mg/kg	0,5 mg/kg					banned 31.12.19
149	277	2,3,4,6-Tetrachlorophenol	58-90-2	0.5	0.025	0,05 / 0,5 mg/kg	0,5 mg/kg					banned 31.12.19
150	278	2,3,5,6-tetrachlorophenol	935-95-5	0.5	0.025	0,05 / 0,5 mg/kg	0,5 mg/kg					banned 31.12.19
151	279	Trichlorophenol (TriCP)	25167-82-2	0.5	0.025	0,2 / 2,0 mg/kg	5 mg/kg					banned 31.12.19
152	280	2,4,6-trichlorophenol	88-06-2	0.5	0.025	0,2 / 2,0 mg/kg	5 mg/kg					banned 31.12.19
153	281	2,3,4-trichlorophenol	15950-66-0	0.5	0.025	0,2 / 2,0 mg/kg	6 mg/kg					banned 31.12.19
154	282	2,3,5-trichlorophenol	933-78-8	0.5	0.025	0,2 / 2,0 mg/kg	7 mg/kg					banned 31.12.19
155	283	2,3,6-trichlorophenol	933-75-5	0.5	0.025	0,2 / 2,0 mg/kg	8 mg/kg					banned 31.12.19
156	284	2,4,5-trichlorophenol	95-95-4	0.5	0.025	0,2 / 2,0 mg/kg	9 mg/kg					banned 31.12.19
157	285	3,4,5-trichlorophenol	609-19-8	0.5	0.025	0,2 / 2,0 mg/kg	10 mg/kg					banned 31.12.19
158	286	Dichlorophenols (DiCP)	25167-81-1	0.5	0.025	0,5/3,0 mg/kg	n.a.					banned 31.12.19
159	287	2,3-dichlorophenol	576-24-9	0.5	0.025	0,5/3,0 mg/kg	n.a.	Extraction / Derivation followed by GC-MS analysis	Extraction / Derivation followed by GC-MS analysis	Extraction / Derivation followed by GC-MS analysis	ISO 17070 (KOH), Extraction / Derivation followed by GC-MS analysis	banned 31.12.19
160	288	2,4-dichlorophenol	120-83-2	0.5	0.025	0,5/3,0 mg/kg	n.a.					banned 31.12.19
161	289	2,5-dichlorophenol	583-78-8	0.5	0.025	0,5/3,0 mg/kg	n.a.					banned 31.12.19

				Limits				Test Method				
MRSL No GP	MRSL No	Substance	CAS-nr.	Input: Chemical Formulations / Output: Waste water (µg/l)	Output: Waste Water Sludge (mg/kg)	Product section / Limits - Textiles	Product section / Limits - Shoes	Input: Chemical Formulations	Output: Waste water	Output: Sludge	Output: Products	STATUS Banned/ phase-out
162	290	3, 4-dichlorophenol	95-77-2	0.5	0.025	0,5/3,0 mg/kg	n.a.	Extraction / Derivation followed by GC-MS analysis	Extraction / Derivation followed by GC-MS analysis	Extraction / Derivation followed by GC-MS analysis	ISO 17070 (KOH), Extraction / Derivation followed by GC-MS analysis	banned 31.12.19
163	291	3, 5-dichlorophenol	591-35-5	0.5	0.025	0,5/3,0 mg/kg	n.a.					banned 31.12.19
164	292	Mono Chlorophenol	various	0.5	0.025	0,5/3,0 mg/kg	n.a.	Extraction / Derivation followed by GC-MS analysis	Extraction / Derivation followed by GC-MS analysis	Extraction / Derivation followed by GC-MS analysis	ISO 17070 (KOH), Extraction / Derivation followed by GC-MS analysis	banned 31.12.19
	293	**10. SCCP**										
165	294	SCCP *C 10–13*	85535-84-8	0.4	0.03	1000 mg/kg	1000 mg/kg	Extraction, GC/NCI/MS	Extraction, GC/NCI/MS	Extraction, GC/NCI/MS	prEN ISO 18219 (modified, GC/MS NCI)	banned 31.12.19
	295	**11. Heavy metals**										
	296	extractable Cadmium(Cd)	7440-43-9	0.1	1	0,1 mg/kg (extractable)	0,1 mg/kg				ISO 105-E04 acid perspiration extraction & ICP analysis. (Extractable)	banned 31.12.19
	297	extractable Lead(Pb)	7439-92-1	1	1	0,2 / 1,0 mg/kg (extractable)	0,8mg/kg					banned 31.12.19
166	298	Total Cadmium(Cd)	7440-43-9	0.1	1	40 mg/kg (total)	100 mg/kg (total)	Digestion, ICP analysis	Digestion, ICP analysis	Digestion, ICP analysis	EN 1122-2001 / Acid Digestion followed by ICP analysis. (Total)	banned 31.12.19
167	299	Total Lead(Pb)	7439-92-1	1	1	90 mg/kg (total)	500 mg/kg (total)				acc to EN 1122-2001 / Acid Digestion followed by ICP analysis. (Total)	banned 31.12.19
349	300	Total Antimony (Sb)	7440-36-0	1	1	30 mg/kg (soluble)	5 mg/kg (extractable)				ISO 105-E04 acid perspiration extraction & ICP analysis. (Extractable)	banned 31.12.19
168	301	Total Mercury(Hg)	7439-97-6	0.05	0,02	0,02 mg/kg (extractable)	0,02 mg/kg (extractable)					banned 31.12.19
348	302	Total Nickel(Ni)	7440-02-0	1	1	1,0 / 4,0 mg/kg (extractable)	4 mg/kg (extractable)					banned 31.12.19
169	303	Total Hexavalent Chromium(Cr-VI)	18540-29-9	1	1	not detectable (extractable)	not detectable (3 mg/kg) (after aging)	With reference to EPA Method 7196A	With reference to EPA Method 7196A	With reference to EPA Method 3060A and 7196A	EN 17075	banned 31.12.19
345	304	Total Arsenic(As)	7440-38-2	1	1	0,2 mg/kg (extractable)	0,8 mg/kg	Digestion, ICP analysis	Digestion, ICP analysis	Digestion, ICP analysis	ISO 105-E04 acid perspiration extraction & ICP analysis. (Extractable)	banned 31.12.19
	305	Total Chromium(Cr)	7440-47-3	1	1	1,0 / 2,0 mg/kg (extractable)	200 mg/kg (extractable)					banned 31.12.19
	306	Total Copper(Cu)	7440-50-8	1	1	25 /50 mg/kg (extractable)	50 mg/kg (extractable)					banned 31.12.19
	307	Total Zinc(Zn)	7440-66-6	1	4	n.a.	n.a.				not in scope	banned 31.12.19
	308	Total Manganese(Mn)	7439-96-5	1	1	n.a.	n.a.				not in scope	banned 31.12.19
347	309	Total Cobalt (Co)	7440-48-4	1	1	1,0 / 4,0 mg/kg (extractable)	4 mg/kg (extractable)				ISO 105-E04 acid perspiration extraction & ICP analysis. (Extractable)	banned 31.12.19
346	310	Beryllium & Beryllium oxide	7440-41-7; 1304-56-9	tbd	tbd	n.a.	n.a.				not in scope	banned 31.12.19
350	311	Vanadium pentoxide	1314-62-1	tbd	tbd	n.a.	n.a.	Digestion, ICP analysis	Digestion, ICP analysis	Digestion, ICP analysis	not in scope	banned 31.12.19
	312	Nickel Release	7440-02-0	not in scope	not in scope	0,2 / 0,5 µg/cm²/Week	0,2 / 0,5 µg/cm²/Week	not in scope	not in scope	not in scope	EN 1811	banned 31.12.19
	313	**12. Antioxidants**										
170	314	2,4,6-tri(t-butyl)Phenol	732-26-3	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19

				Limits				Test Method				
MRSL No GP	MRSL No	Substance	CAS-nr.	Input: Chemical Formulations / Output: Waste water (µg/l)	Output: Waste Water Sludge (mg/kg)	Product section / Limits - Textiles	Product section / Limits - Shoes	Input: Chemical Formulations	Output: Waste water	Output: Sludge	Output: Products	STATUS Banned/ phase-out
171	315	2,6-di-tert-butyl-4-(1-methylpropyl)-hydroxybenzene	17540-75-9	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
172	316	2,6-di-tert-butyl-4-(methylthioacetic acid, 2-ethylhexyl ester)-hydroxybenzene	80387-97-9	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
173	317	6,6'-di-tert-butyl-4,4'-thiodi-m-cresol	96-69-5	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
	318	**13. Brominated sovents**										
174	319	1,2-dibromoethane	106-93-4	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
175	320	1-bromopropane; n-propyl bromide	106-94-5	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
176	321	Bromoethane	74-96-4	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
177	322	2-bromopropane	75-26-3	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
	323	**14. Azo dyes that release carcinogenic amines through reduction cleacage (in addition to the priority 11 examples linked to amines listed in EU & Chines regulations)**										
182	324	(methylenebis(4,1-phenylenazo(1-(3(dimethylamino)propyl)-1,2-dihydro-6-hydroxy-4-methyl-2-oxopyridine-5,3-diyl)))-1,1'-dipyridinium dichloride dihydrochloride	118658-99-4	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
184	325	Pigment Rot 53:1 (C.I. 15585:1); D&C Red No. 9	5160-02-1	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
186	326	1,2-dihydro-6-hydroxy-4-methyl-1-[3-(1methylethoxy)propyl]-2-oxo-5-[[4-(phenylazo)phenyl]azo]-3-pyridinecarbonitrile	85136-74-9	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
190	327	Diaminobenzidine [biphenyl-3,3',4,4'-tetrayltetraamine]	91-95-2	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
191	328	diaminotoluene	25376-45-8	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
192	329	N,N'-Diacetylbenzidine	613-35-4	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
193	330	toluene-2,4-diammonium sulphate	65321-67-7	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
	331	**Dyes**										
195	332	Methanaminium, N-[4-[bis[4(dimethylamino)phenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, chloride	548-62-9	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
197	333	C.I. 77332, C.I. Pigment Black 25, cobalt nickel gray periclase	68186-89-0	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
198	334	C.I. 77900, C.I. Pigment Yellow 157, nickel barium titanium primrose priderite	68610-24-2	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
199	335	D&C Red No. 19	81-88-9	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
200	336	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
201	337	Auramine hydrochloride	2465-27-2	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
202	338	C.I. Basic Green 4 leuco base	129-73-7	15	0,15	not detectable	n.a.	based on DIN 54231	based on DIN 54232	based on DIN 54233	based on DIN 54234	banned 31.12.19
	339	C.I. Basic Green 4 (Malachite Green Chloride)	569-64-2	15	0,15	not detectable	n.a.	based on DIN 54231	based on DIN 54232	based on DIN 54233	based on DIN 54233	banned 31.12.19
	340	C.I. Basic Green 4 (Malachite Green Oxalate)	2437-29-8	15	0,15	not detectable	n.a.	based on DIN 54231	based on DIN 54232	based on DIN 54233	based on DIN 54233	banned 31.12.19
204	341	C.I. Pigment Brown 22	29398-96-7	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19

				Limits				Test Method				
MRSL No GP	MRSL No	Substance	CAS-nr.	Input: Chemical Formulations / Output: Waste water (µg/l)	Output: Waste Water Sludge (mg/kg)	Product section / Limits - Textiles	Product section / Limits - Shoes	Input: Chemical Formulations	Output: Waste water	Output: Sludge	Output: Products	STATUS Banned/ phase-out
205	342	C.I. Pigment Red 53; D&C Red No. 8	2092-56-0	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
206	343	Pigment Red 168	4378-61-4	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
	344	**Dye intermediate**										
208	345	3-amino-9-ethyl carbazole, 9-ethylcarbazol-3-ylamine	132-32-1	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
209	346	4,4-isobutylethylidenediphenol	6807-17-6	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
210	347	4-amino-3-fluorophenol	399-95-1	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
211	348	Anthraquinone	84-65-1	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
212	349	anthraquinone, 1-hydroxy	129-43-1	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
213	350	Carbazole	86-74-8	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
214	351	diazomethane	334-88-3	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
215	352	Dimethylcarbamoyl chloride	79-44-7	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
216	353	quinoline	91-22-5	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
217	354	potassium bromate	7758-01-2	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
	355	**15. dinitrotoluene**										
218	356	2,4-dinitrotoluene	121-14-2	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
219	357	dinitrotoluene (isomer mixture)	25321-14-6	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
220	358	2,3-dinitrotoluene	602-01-7	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
221	359	2,6-Dinitrotoluene	606-20-2	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
222	360	3,4-dinitrotoluene	610-39-9	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
223	361	3,5-dinitrotoluene	618-85-9	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
224	362	2,5-dinitrotoluene	619-15-8	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
	363	**16. epoxy intermediate (CMR)**										
225	364	Epichlorohydrin	106-89-8	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
226	365	phenyl glycidyl ether; 2,3-epoxypropyl phenyl ether; 1,2-epoxy-3-phenoxypropane	122-60-1	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
227	366	2,2'-bioxirane [1,2:3,4-diepoxybutane]	1464-53-5	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
228	367	2,3-epoxypropyltrimethylammonium chloride; EPTAC;Oxiranemethanaminium, N,N,N-trimethyl chloride; Glycydyltrimethylammonium chloride	3033-77-0	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
229	368	R-1-chloro-2,3-epoxypropane	51594-55-9	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
230	369	Glycidol [2,3-epoxy-1-propanol]	556-52-5	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
231	370	R-2,3-epoxy-1-propanol	57044-25-4	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
232	371	1,3,5-tris-[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione	59653-74-6	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
233	372	oxiranemethanol, 4-methylbenzene-sulfonate, (S)	70987-78-9	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
234	373	ethylene oxide; oxirane	75-21-8	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19

				Limits				Test Method				
MRSL No GP	MRSL No	Substance	CAS-nr.	Input: Chemical Formulations / Output: Waste water (µg/l)	Output: Waste Water Sludge (mg/kg)	Product section / Limits - Textiles	Product section / Limits - Shoes	Input: Chemical Formulations	Output: Waste water	Output: Sludge	Output: Products	STATUS Banned/ phase-out
235	374	propylene oxide; 1,2-epoxypropane; methyloxirane	75-56-9	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
236	375	styrene oxide; (epoxyethyl)benzene; phenyloxirane	96-09-3	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
	376	**17. fibrous mineral**										
237	377	asbestos	nil	Declaration - of no use	Declaration - of no use	not used	n.a.	under development	under development	under development	n.a.	banned 31.12.19
238	378	erionite	12510-42-8	Declaration - of no use	Declaration - of no use	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
	379	**18. Glycols**										
239	380	Bis(2-methoxyethyl)ether	111-96-6	30	tbd	n.a.	n.a.	Extraction, GC/MS	Extraction, GC/MS	under development	n.a.	banned 31.12.19
240	381	2-Methoxyethanol	109-86-4	30	tbd	n.a.	n.a.	Extraction, GC/MS	Extraction, GC/MS	under development	n.a.	banned 31.12.19
241	382	2-Methoxyethyl acetate	110-49-6	30	tbd	n.a.	n.a.	Extraction, GC/MS	Extraction, GC/MS	under development	n.a.	banned 31.12.19
242	383	Ethylene glycol dimethyl ether	110-71-4	30	tbd	n.a.	n.a.	Extraction, GC/MS	Extraction, GC/MS	under development	n.a.	banned 31.12.19
243	384	2-Ethoxyethanol	110-80-5	30	tbd	n.a.	n.a.	Extraction, GC/MS	Extraction, GC/MS	under development	n.a.	banned 31.12.19
244	385	2-Ethoxyethyl acetate	111-15-9	30	tbd	n.a.	n.a.	Extraction, GC/MS	Extraction, GC/MS	under development	n.a.	banned 31.12.19
245	386	1,2-diethoxyethane	629-14-1	30	tbd	n.a.	n.a.	Extraction, GC/MS	Extraction, GC/MS	under development	n.a.	banned 31.12.19
246	387	Ethylene glycol	107-21-1	30	tbd	n.a.	n.a.	Extraction, GC/MS	Extraction, GC/MS	under development	n.a.	banned 31.12.19
247	388	Triethylene glycol dimethyl ether (TEGDME)	112-49-2	30	tbd	n.a.	n.a.	Extraction, GC/MS	Extraction, GC/MS	under development	n.a.	banned 31.12.19
310	389	2-Methoxypropyl acetate	70657-70-4	30	tbd	n.a.	n.a.	Extraction, GC/MS	Extraction, GC/MS	under development	n.a.	banned 31.12.19
309	390	2-Methoxypropanol	1589-47-5	30	tbd	n.a.	n.a.	Extraction, GC/MS	Extraction, GC/MS	under development	n.a.	banned 31.12.19
	391	**19. Monomers**										
248	392	1,3-Butadiene	106-99-0	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
249	393	Acetaldehyde	75-07-0	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
250	394	Acrylonitrile	107-13-1	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
251	395	Aziridine [Ethyleneimine]	151-56-4	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
252	396	aziridine, 2-methyl	75-55-8	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
253	397	chloroprene (stabilized); 2-chlorobuta-1,3-diene	126-99-8	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
254	398	dimethylsulfamoylchloride	13360-57-1	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
255	399	Ethyl acrylate	140-88-5	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
256	400	Isobutyl nitrite	542-56-3	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
257	401	Isoprene	78-79-5	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
258	402	Methylcarbamate	598-55-0	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
259	403	N-Vinyl-2-pyrrolidinone	88-12-0	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
260	404	Propane sultone [1,3-propanesultone; 1,2-oxathiolane 2,2-dioxide]	1120-71-4	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
261	405	Urethane (Ethyl carbamate)	51-79-6	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
262	406	Vinyl bromide	593-60-2	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
263	407	Vinyl chloride	75-01-4	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19

				Limits				Test Method				
MRSL No GP	MRSL No	Substance	CAS-nr.	Input: Chemical Formulations / Output: Waste water (µg/l)	Output: Waste Water Sludge (mg/kg)	Product section / Limits - Textiles	Product section / Limits - Shoes	Input: Chemical Formulations	Output: Waste water	Output: Sludge	Output: Products	STATUS Banned/ phase-out
264	408	Acrylamide	79-06-1	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
265	409	N-Methylolacrylamide	924-42-5	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
	410	**20. N-nitroso compounds**										
266	411	N-Nitrosopiperidine	100-75-4	tbd	tbd	n.a.	n.a.	under development, based on EN 12868	under development, based on EN 12869	under development, based on EN 12870	n.a.	banned 31.12.19
267	412	N-Nitrosomethylethylamine	10595-95-6	tbd	tbd	n.a.	n.a.				n.a.	banned 31.12.19
268	413	N-Nitrosodiethanolamine	1116-54-7	tbd	tbd	n.a.	n.a.				n.a.	banned 31.12.19
269	414	N-Ethyl-N-nitrosoanilin	612-64-6	tbd	tbd	n.a.	n.a.				n.a.	banned 31.12.19
270	415	N-Methyl-N-nitrosoanilin	614-00-6	tbd	tbd	n.a.	n.a.				n.a.	banned 31.12.19
271	416	N-Nitrosodi-n-propylamine	621-64-7	tbd	tbd	n.a.	n.a.				n.a.	banned 31.12.19
272	417	N-Nitrosodimethylamine	62-75-9	tbd	tbd	n.a.	n.a.				n.a.	banned 31.12.19
273	418	N-Methyl-N'-nitro-N-nitrosoguanidine	70-25-7	tbd	tbd	n.a.	n.a.				n.a.	banned 31.12.19
274	419	N-Nitrosodiphenylamine	86-30-6	tbd	tbd	n.a.	n.a.				n.a.	banned 31.12.19
275	420	N-Nitrosodiethylamine (NDEA)	55-18-5	tbd	tbd	n.a.	n.a.				n.a.	banned 31.12.19
276	421	N-Nitrosodi-n-butylamine (NDBA)	924-16-3	tbd	tbd	n.a.	n.a.				n.a.	banned 31.12.19
277	422	N-Nitrosopyrrolidine (NPYR)	930-55-2	tbd	tbd	n.a.	n.a.				n.a.	banned 31.12.19
278	423	N-Nitrosomorpholine (NMOR)	59-89-2	tbd	tbd	n.a.	n.a.				n.a.	banned 31.12.19
279	424	p-Nitrosodiphenylamine	156-10-5	tbd	tbd	n.a.	n.a.				n.a.	banned 31.12.19
	425	**21. PAH**										
291	426	Benzo[a]pyrene (BaP)	50-32-8	tbd	1	0,2 / 0,5 / 1 mg/kg	0,2 / 0,5 / 1 mg/kg	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	phase out
283	427	Benzo[e]pyrene (BeP)	192-97-2	tbd	1	0,2 / 0,5 / 1 mg/kg	0,2 / 0,5 / 1 mg/kg	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	phase out
293	428	Benzo[a]anthracene (BaA)	56-55-3	tbd	1	0,2 / 0,5 / 1 mg/kg	0,2 / 0,5 / 1 mg/kg	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	phase out
286	429	Benzo[b]fluoranthene (BbFA)	205-99-2	tbd	1	0,2 / 0,5 / 1 mg/kg	0,2 / 0,5 / 1 mg/kg	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	phase out
285	430	Benzo[j]fluoranthene (BjFA)	205-82-3	tbd	1	0,2 / 0,5 / 1 mg/kg	0,2 / 0,5 / 1 mg/kg	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	phase out
287	431	Benzo[k]fluoranthene (BkFA)	207-08-9	tbd	1	0,2 / 0,5 / 1 mg/kg	0,2 / 0,5 / 1 mg/kg	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	phase out
290	432	Chrysene (CHR)	218-01-9	tbd	1	0,2 / 0,5 / 1 mg/kg	0,2 / 0,5 / 1 mg/kg	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	phase out
292	433	Dibenzo[a,h]anthracene (DBAhA)	53-70-3	tbd	1	0,2 / 0,5 / 1 mg/kg	0,2 / 0,5 / 1 mg/kg	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	phase out
301	434	Benzo(g,h,i)perylene	191-24-2	tbd	1	0,2 / 0,5 / 1 mg/kg	0,2 / 0,5 / 1 mg/kg	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	phase out
284	435	Indeno(1,2,3-cd)pyrene	193-39-5	tbd	1	0,2 / 0,5 / 1 mg/kg	0,2 / 0,5 / 1 mg/kg	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	phase out
288	436	Acenapthylene	208-96-8	tbd	1	Sum 1,0 / 10 / 50 mg/kg	Sum 1,0 / 10 / 50 mg/kg	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	phase out
303	437	Acenaphthene	83-32-9	tbd	1	Sum 1,0 / 10 / 50 mg/kg	Sum 1,0 / 10 / 50 mg/kg	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	phase out
	438	Fluorene	86-73-7	tbd	1	Sum 1,0 / 10 / 50 mg/kg	Sum 1,0 / 10 / 50 mg/kg	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	phase out
304	439	Phenanthrene	85-01-8	tbd	1	Sum 1,0 / 10 / 50 mg/kg	Sum 1,0 / 10 / 50 mg/kg	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	phase out
281	440	Pyrene	129-00-0	tbd	1	Sum 1,0 / 10 / 50 mg/kg	Sum 1,0 / 10 / 50 mg/kg	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	phase out
280	441	Anthracene	120-12-7	tbd	1	Sum 1,0 / 10 / 50 mg/kg	Sum 1,0 / 10 / 50 mg/kg	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	phase out

				Limits				Test Method				
MRSL No GP	MRSL No	Substance	CAS-nr.	Input: Chemical Formulations / Output: Waste water (µg/l)	Output: Waste Water Sludge (mg/kg)	Product section / Limits - Textiles	Product section / Limits - Shoes	Input: Chemical Formulations	Output: Waste water	Output: Sludge	Output: Products	STATUS Banned/ phase-out
302	442	Fluoranthene	206-44-0	tbd	1	Sum 1,0 / 10 / 50 mg/kg	Sum 1,0 / 10 / 50 mg/kg	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	phase out
298	443	Naphthalene	91-20-3	20	1	1,0 / 2,0 / 10 mg/kg	1,0 / 2,0 / 10 mg/kg	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	phase out
	444	Sum 18 PAH		not in scope	not in scope	Sum 1,0 / 10 / 50 mg/kg	Sum 1,0 /10 / 50 mg/kg; EVA: 0,2 mg/kg	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	phase out
	445	Sum 24 PAH		not in scope	not in scope	5,0 / 10 mg/kg		AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	phase out
	446	Cyclopenta[cd]pyrene	27208-37-3	tbd	tbd	n.a.	n.a.	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	n.a.	phase out
	447	Dibenzo[a,e]pyrene	192-65-4	tbd	tbd	n.a.	n.a.	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	n.a.	phase out
	448	Dibenzo[a,h]pyrene	189-64-0	tbd	tbd	n.a.	n.a.	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	n.a.	phase out
	449	Dibenzo[a,i]pyrene	189-55-9	tbd	tbd	n.a.	n.a.	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	n.a.	phase out
	450	Dibenzo[a,l]pyrene	191-30-0	tbd	tbd	n.a.	n.a.	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	n.a.	phase out
	451	1-Methylpyrene	2381-21-7	tbd	tbd	n.a.	n.a.	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	n.a.	phase out
	452	Benzo[b]naphtho[2,1-d]thiophene	239-35-0	tbd	tbd	n.a.	n.a.	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	n.a.	phase out
282	453	Polycyclic Aromatic Compounds (PACs)	130498-29-2	tbd	tbd	n.a.	n.a.	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	n.a.	phase out
289	454	9,10-Benzophenanthren	217-59-4	tbd	tbd	n.a.	n.a.	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	n.a.	phase out
294	455	Anthracene oil, Coal tar pitch	65996-93-2	tbd	tbd	n.a.	n.a.	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	n.a.	phase out
295	456	Anthracene oil	90640-80-5	tbd	tbd	n.a.	n.a.	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	n.a.	phase out
296	457	Anthracene oil, anthracene paste	90640-81-6	tbd	tbd	n.a.	n.a.	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	n.a.	phase out
297	458	Anthracene oil, anthracenelow	90640-82-7	tbd	tbd	n.a.	n.a.	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	n.a.	phase out
299	459	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	tbd	tbd	n.a.	n.a.	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	n.a.	phase out
300	460	Anthracene oil, anthracene paste, distn. Lights	91995-17-4	tbd	tbd	n.a.	n.a.	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	AfPS GS 2014:01 PAH	n.a.	phase out
	461	**22. Petroleum distillates & related chemicals**										
325	462	extracts, petroleum, light naphthenic distillate solvent	64742-03-6	Declaration - of no use	Declaration - of no use	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
326	463	distillate aromatic extract	64742-04-7	Declaration - of no use	Declaration - of no use	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
327	464	extracts, petroleum, light paraffinic distillate solvent	64742-05-8	Declaration - of no use	Declaration - of no use	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
328	465	extracts, petroleum, heavy naphthenic distillate solvent	64742-11-6	Declaration - of no use	Declaration - of no use	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
329	466	distillates, petroleum, chemically neutralized middle	64742-30-9	Declaration - of no use	Declaration - of no use	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
330	467	solvent-dewaxed heavy paraffinic petroleum distillates	64742-65-0	Declaration - of no use	Declaration - of no use	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
331	468	benzin 140 - 300	8002-05-9	Declaration - of no use	Declaration - of no use	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
332	469	naphtha	8030-30-6	Declaration - of no use	Declaration - of no use	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
333	470	pitch	61789-60-4	Declaration - of no use	Declaration - of no use	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
334	471	petroleum naphtha	64741-41-9	Declaration - of no use	Declaration - of no use	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
335	472	hydrotreated light straight run (petroleum)	64742-49-0	Declaration - of no use	Declaration - of no use	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
336	473	distillates (petroleum), hydrotreated (mild) heavy naphthenic (9ci);	64742-52-5	Declaration - of no use	Declaration - of no use	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19

				Limits				Test Method				
MRSL No GP	MRSL No	Substance	CAS-nr.	Input: Chemical Formulations / Output: Waste water (µg/l)	Output: Waste Water Sludge (mg/kg)	Product section / Limits - Textiles	Product section / Limits - Shoes	Input: Chemical Formulations	Output: Waste water	Output: Sludge	Output: Products	STATUS Banned/ phase-out
337	474	hydrotreated heavy paraffinic petroleum distillates (mineral oil)	64742-54-7	Declaration - of no use	Declaration - of no use	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
338	475	distillates (petroleum), solvent-refined (mild) heavy paraffinic (9ci)	64741-88-4	Declaration - of no use	Declaration - of no use	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
339	476	distillates (petroleum), solvent-refined (mild) light paraffinic (9ci)	64741-89-5	Declaration - of no use	Declaration - of no use	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
340	477	aromatic naphtha, type 1	64742-95-6	Declaration - of no use	Declaration - of no use	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
341	478	aromatic petroleum derivative solvent	68477-31-6	Declaration - of no use	Declaration - of no use	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
342	479	petrolatum	8009-03-8	Declaration - of no use	Declaration - of no use	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
343	480	Bitumen	64742-93-4	Declaration - of no use	Declaration - of no use	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
344	481	Coal Tar oil	65996-82-9	Declaration - of no use	Declaration - of no use	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
	482	**23. respirable particles**										
305	483	Aluminium oxide (particles of respirable size)	1344-28-1	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
306	484	Silica (particles of respirable size)	14464-46-1; 14808-60-7; 7631-86-9	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
307	485	Titanium dioxide (particles of respirable size)	13463-67-7	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
	486	**24. Solvents**										
308	487	1,4-Dioxane	123-91-1	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
312	488	Cyclododecane	294-62-2	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
314	489	Ethanol	64-17-5	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
315	490	Furan	110-00-9	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
316	491	hexamethylphosphoramide (HEMPA)	680-31-9	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
317	492	Methanol	67-56-1	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
318	493	Methyl isobutyl ketone	108-10-1	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
320	494	Nitrilotriacetic acid	139-13-9	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
322	495	N-methylformamide	123-39-7	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
	496	**25. Others**										
351	497	(2-chloroethyl)(3-hydroxypropyl)ammonium chloride	40722-80-3	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
352	498	(4-ethoxyphenyl)(3-(4-fluoro-3-phenoxyphenyl)propyl)dimethylsilane	105024-66-6	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
353	499	(BHA) Butylated hydroxyanisole	25013-16-5	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
354	500	1-(2-amino-5-chlorophenyl)-2,2,2-trifluoro-1,1ethanediol,hydrochloride, containing <0,1 % 4-chloroaniline (EC No 203-401-0)	214353-17-0	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
355	501	2-butyryl-3-hydroxy-5-thiocyclohexan-3-yl-cyclohex-2-en-1-one	94723-86-1	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
356	502	2-nitroanisole	91-23-6	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
357	503	2-nitronaphthalene	581-89-5	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
358	504	2-Nitropropane	79-46-9	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19

				Limits				Test Method				
MRSL No GP	MRSL No	Substance	CAS-nr.	Input: Chemical Formulations / Output: Waste water (µg/l)	Output: Waste Water Sludge (mg/kg)	Product section / Limits - Textiles	Product section / Limits - Shoes	Input: Chemical Formulations	Output: Waste water	Output: Sludge	Output: Products	STATUS Banned/ phase-out
359	505	2-nitrotoluene	88-72-2	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
360	506	4,4'-Methylenbis(N-(1-methylpropyl)benzolamin)	5285-60-9	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
361	507	4-Nitrobiphenyl	92-93-3	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
362	508	5-Nitroacenaphthene	602-87-9	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
363	509	7-methoxy-6-(3-morpholin-4-yl-propoxy)-3H-quinazolin-4-one Containing ≥ 0.5 % formamide (EC No 200-842-0)	199327-61-2	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
364	510	AEEA [2-(2-aminoethylamino)ethanol]	111-41-1	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
	511	Dimethyl fumarate (DMFu)	624-49-7	not in scope	not in scope	0,1 mg/kg	0,1 mg/kg	not in scope	not in scope	not in scope	ISO/TS 16186	banned 31.12.19
365	512	Aniline	62-53-3	0,1	0,1	n.a.	n.a.	extraction, followed by GC/MS	extraction, followed by GC/MS	extraction, followed by GC/MS	n.a.	banned 31.12.19
366	513	Azobenzene	103-33-3	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
367	514	Carbon black	1333-86-4	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
368	515	chloro-N,N-dimethylformiminium chloride	3724-43-4	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
369	516	Colchicine	64-86-8	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
370	517	Diazoaminobenzene	136-35-6	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
371	518	Formaldehyde	50-00-0	tbd	tbd	20/75 mg/kg	20/75 mg/kg	under development	under development	under development	EN ISO 17226-2; DIN EN ISO 14184-1	banned 31.12.19
373	519	Hydrazine	302-01-2	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
374	520	hydrazobenzene	122-66-7	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
375	521	hydroquinone (1,4-Dihydroxybenzene)	123-31-9	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
376	522	methoxyacetic acid	625-45-6	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
377	523	Methylazoxymethanol acetate	592-62-1	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
378	524	Michler's base (N,N,N',N'-tetramethyl-4,4'-methylendianiline)	101-61-1	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
379	525	N-(2-Naphthyl)anilin	135-88-6	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
380	526	N,N-(dimethylamino)thioacetamide hydrochloride	27366-72-9	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
381	527	N,N'-Bis-(1-ethyl-3-methylpentyl)-1,4-benzendiamin	139-60-6	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
382	528	N,N-di-2-naphthyl-benzen-1,4-diamin (Diafen NN)	93-46-9	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
383	529	N-[6,9-dihydro-9-[[2-hydroxy-1(hydroxymethyl)ethoxy]methyl]-6-oxo-1H-purin-2-yl]acetamide	84245-12-5	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
384	530	O-isobutyl-N-ethoxy carbonylthiocarbamate	103122-66-3	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
385	531	o-Phenylphenate, sodium	132-27-4	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
386	532	o-Phenylphenol	90-43-7	0,5	0,025	50 mg/kg / 100 mg/kg	n.a.	Extraction / Derivation followed by GC-MS analysis	Extraction / Derivation followed by GC-MS analysis	Extraction / Derivation followed by GC-MS analysis	ISO 13365	banned 31.12.19
387	533	Phenolphthalein	77-09-8	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
388	534	Phenylhydrazine	100-63-0	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
389	535	phenylhydrazine hydrochloride	27140-08-5; 59-88-1	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
390	536	phenylhydrazinium sulphate (2:1)	52033-74-6	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19

				Limits				Test Method				
MRSL No GP	MRSL No	Substance	CAS-nr.	Input: Chemical Formulations / Output: Waste water (µg/l)	Output: Waste Water Sludge (mg/kg)	Product section / Limits - Textiles	Product section / Limits - Shoes	Input: Chemical Formulations	Output: Waste water	Output: Sludge	Output: Products	STATUS Banned/ phase-out
391	537	potassium 1-methyl-3-morpholinocarbonyl-4-[3-(1methyl-3-morpholinocarbonyl-5-oxo-2-pyrazolin-4-ylidene)-1-propenyl]pyrazole-5-olate containing < 0.5 % N,N-dimethylformamide (EC No 200-679-5),	183196-57-8	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
392	538	Pyridine	110-86-1	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
393	539	tetrahydrothiopyran-3-carboxaldehyde	61571-06-0	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
394	540	Thioacetamide	62-55-5	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
395	541	Thiourea	62-56-6	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
396	542	Toluene diisocyanate (1,3-)	26471-62-5	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
397	543	toluene diisocyanate (2,4-)	584-84-9	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
398	544	Trimethyl phosphate	512-56-1	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
399	545	Diethyl sulfate	64-67-5	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
400	546	Dimethyl sulfate	77-78-1	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
401	547	Benzophenone	119-61-9	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
402	548	benzophenone, 4,4'-bis(dimethylamino)- [Michler's ketone]	90-94-8	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
403	549	Cycloheximide	66-81-9	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
404	550	Dichlorophene [2,2'-Methylenbis(4-chlorophenol)]	97-23-4	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
405	551	Metam sodium	137-42-8	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
406	552	Safrole [5-allyl-1,3-benzodioxole]	94-59-7	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
407	553	Bisphenol A	80-05-7	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
410	554	borate, zinc salt	1332-07-6	5	1	n.a.	n.a.	total digestion, ICP/MS, for total boron	total digestion, ICP/MS, for total boron	total digestion, ICP/MS, for total boron	n.a.	banned 31.12.19
411	555	Bis(chloromethyl)ether	542-88-1	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
412	556	2-chloro-6-fluoro-phenol	2040-90-6	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
413	557	dimethyldithiocarbamate, Potassium salt	128-03-0	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
414	558	dimethyldithiocarbamate, Sodium salt	128-04-1	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
415	559	Disodium ethylenebis(N,N'-dithiocarbamate)	142-59-6	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
416	560	1,2-Dimethylhydrazine	540-73-8	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
417	561	1,1-Dimethylhydrazine (UDMH)	57-14-7	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
418	562	dinitrobenzenes	99-65-0	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
419	563	2-ethylhexyl diphenyl phosphate	1241-94-7	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
420	564	Carbendazim (N-2-benzimidazolecarbamic acid methyl ester)	10605-21-7	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
421	565	Carbon disulfide	75-15-0	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
422	566	Ethylene thiourea	96-45-7	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19

				Limits				Test Method				
MRSL No GP	MRSL No	Substance	CAS-nr.	Input: Chemical Formulations / Output: Waste water (µg/l)	Output: Waste Water Sludge (mg/kg)	Product section / Limits - Textiles	Product section / Limits - Shoes	Input: Chemical Formulations	Output: Waste water	Output: Sludge	Output: Products	STATUS Banned/ phase-out
423	567	Hexachlorobutadiene	87-68-3	20	0,3	n.a.	n.a.	By Headspace Gas Chromatography Mass Spectrometric (HS – GC/MS) Analysis.	By Headspace Gas Chromatography Mass Spectrometric (HS – GC/MS) Analysis.	By Headspace Gas Chromatography Mass Spectrometric (HS – GC/MS) Analysis.	n.a.	banned 31.12.19
424	568	N-methylacetamide	79-16-3	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
425	569	perboric acid, sodium salt	10332-33-9; 10486-00-7; 11138-47-9; 1204072-1;13517-20-9;15120-21-5;37244-98-7;	5	1	n.a.	n.a.	total digestion, ICP/MS, for total boron	total digestion, ICP/MS, for total boron	total digestion, ICP/MS, for total boron	n.a.	banned 31.12.19
426	570	Diazene-1,2-dicarboxamide [C,C`-azodi(formamide), ADCA]	123-77-3	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
427	571	Triglycidylisocyanurate (TGIC)	2451-62-9	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
428	572	N-(1,4-Dimethylpentyl)-N'-phenyl-benzen-1,4-diamin	3081-01-4	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
430	573	Diethanolamine	111-42-2	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
431	574	musk xylene	81-15-2	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
432	575	2-(2H-Bensotriazol-2-yl)-4,6-bis(1,1-dimetylpropyl)fenol	25973-55-1	tbd	tbd	1000 mg/kg Deco only	n.a.	under development	under development	under development	Extraction, GC/MS	banned 31.12.19
433	576	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)-phenol	3147-75-9	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19
434	577	2-(2´-Hydroxy-3,5´-di-tert.butylphenyl)-benzotriazole	3846-71-7	tbd	tbd	1000 mg/kg Deco only	n.a.	under development	under development	under development	Extraction, GC/MS	banned 31.12.19
	578	2,4-Di-tert-butyl-6-(5-chlorobenzotriazole-2-yl)phenol (UV 327)	3864-99-1	tbd	tbd	1000 mg/kg Deco only	n.a.	under development	under development	under development	Extraction, GC/MS	banned 31.12.19
	579	2-(2H-benzotriazole-2-yl)-4-(tert-butyl)-6(sec-butyl)phenol (UV 350)	36437-37-3	tbd	tbd	1001 mg/kg Deco only	n.a.	under development	under development	under development	Extraction, GC/MS	banned 31.12.19
435	580	3-(4-methylbenzylidene) camphor	36861-47-9	tbd	tbd	n.a.	n.a.	under development	under development	under development	n.a.	banned 31.12.19

Definition	
tbd	to be determined
n.a.	not applicable
banned, date xx.xx.xxxx	Banned substances will not be used in the production of Kaufland articels after the indicated date.
phase out	Phase out of chemical is ongoing. Timeline for a ban has to be defined.