



Kimberly-Clark Restricted Substances List

PURPOSE

Nothing is more important to Kimberly-Clark than the quality and safety of our products and the well-being of the consumers who use them. We have rigorous safety and quality requirements and we are proud of our long track record of producing safe products. This commitment to safety includes the ingredients and materials used in our products.

We maintain a Restricted Substances List (RSL) to ensure a consistent, global approach to safeguarding our consumers & employees from exposure to potential ingredients of concern. The Kimberly-Clark Restricted Substances List represents the subset of chemicals that are banned or restricted from our global product portfolio.

Kimberly-Clark closely monitors and carefully considers new information published by scientific research and regulatory agencies globally regarding ingredients, including public perception of ingredients. New information is reviewed in our Product Stewardship Council, which ensures that the content of the Restricted Substances List remains current.

SCOPE

Kimberly-Clark requires world-class quality for all purchased materials, products and services that consistently meet or exceed customers' and consumers' needs, perform as intended and are safe for their intended use. Our suppliers directly share in the responsibility to ensure that the highest degree of diligence is taken to meet or exceed all specified safety, compliance, and quality requirements.

This RSL applies to all Kimberly-Clark products and the materials used in the manufacture of products in the following categories, whether manufactured at a Kimberly-Clark facility or any of our contract suppliers.

- Absorbent Hygiene Products and their component materials.
 - Applies to Adult and baby diapers, feminine hygiene pads/liners, tampons, incontinence pads/liners/garments/briefs and their component materials)
- Formulated Personal Care Products and their component materials
 - Applies to Lotions, shampoo, conditioner, soaps, professional hand soaps and hand sanitizers, baby wipes, perineal wipes, facial cleansing wipes, make-up removing wipes, hand and face wipes, and lotion tissue formulations
- Formulated surface cleaning products and their component materials
 - Applies to cleaning, antimicrobial, and sanitizing sprays and wipes
- Consumer and professional dry tissue products and their component materials.
 - Applies to facial tissue, bath tissue; paper towels and dry wipers

Note that this standard does not cover packaging materials for the above products (including bath tissue and paper towel core materials) which will be addressed separately.

We require our suppliers to adhere to the Kimberly-Clark RSL, and to have processes and systems in place to ensure compliance. Please be advised that:

- This RSL is not intended to replace the supplier's own quality assurance process nor is it meant to be a substitute for the supplier's responsibility to monitor, and supply safe, compliant materials.
- Compliance to this list is not intended to replace a full material disclosure and other required information as defined in the Supplier Stewardship Standard. A full review of information will be completed to not only confirm safety and regulatory compliance but

also to enable us to proactively respond to emerging new regulations and chemicals of concern.

- The RSL is just a short list of the chemicals that we are restricting that are likely most relevant to our consumers. There are also hundreds of other chemicals that we've opted to reduce/restrict in our products not on the RSL. We proactively monitor and assess new information regarding ingredients published by scientific research and regulatory agencies globally, including public perception, to ensure this RSL remains current.
- Some raw material categories have an additional standard that must be followed. (E.g. Kimberly-Clark Fragrance and Essential Oil Standard).

DEFINITIONS

CAS Number	Chemical Abstracts Service registry numbers that identify unique substances
Formulated Personal Care Products	Formulated Personal Care Products: (including but not limited to lotions, shampoo, conditioner, soaps, professional hand soaps and hand sanitizers)
Formulated personal Care Wipes	Formulated personal care wipes and lotion tissue (including but not limited to perineal wipes, facial cleansing wipes, make-up removing wipes, hand and face wipes, and lotion tissue)
Formulated Surface Cleaning Products	Formulated surface cleaning products (cleansing, antimicrobial, and sanitizing)
Incidental Material	Any ingredient of another ingredient present at a trace level and having no technical or functional effect
Kg	Kilogram
PPM	Parts per million
PPT	Parts per trillion
Prohibited	Not intentionally added in the supply chain
RSL	Restricted Substances List
ug	Microgram
Restricted	Chemicals can only be used if written consent is provided.

REGULATORY COMPLIANCE

This list represents the internal Kimberly-Clark position. It is not intended to indicate regulatory requirements and it does not indicate an assessment of risk to humans or the environment for any particular chemical or product.

Suppliers must operate in full compliance with the laws and regulations of the countries in which they operate. When local laws and regulations are less restrictive than this list suppliers are expected to adhere to Kimberly-Clark's requirements.

IMPLEMENTATION AND ENFORCEMENT

This RSL takes effect on the date of issuance. We intend that this requirement be part of all agreements between Kimberly-Clark and its direct and authorized suppliers. We expect our suppliers to develop and implement appropriate internal business processes to ensure compliance with the RSL and communicate these requirements to their suppliers to ensure conformance throughout the supply chain.

We plan to evaluate compliance through product testing as needed for any product or materials requiring further investigation to ensure compliance.

KIMBERLY-CLARK RESTRICTED SUBSTANCES PHASE-OUTS

The following chemicals are currently identified for phase-out.

We expect our suppliers to develop and implement appropriate internal business processes to ensure compliance with their suppliers.

Category	Substance	CAS Number
Talc	Hydrous Magnesium Silicate (Talc)	14807-96-6
Fluoropolymers	Other Polyfluoroalkyl substances (PFAS)	Multiple

**KIMBERLY-CLARK PROHIBITED AND RESTRICTED SUBSTANCES
IN ALL PRODUCT CATEGORIES**

<p>Kimberly-Clark Restricted Substances for all product categories are listed below.</p> <p>The chemicals are prohibited and/or restricted in the manufacture of the Kimberly-Clark products identified in the scope, including incidental materials.</p> <p>We expect our suppliers to develop and implement appropriate internal business processes to ensure compliance with their suppliers.</p>			
Category	Substance	CAS Number	Restriction
Alkanolamides	Diethanolamine	111-42-2	PROHIBITED
Alkyl Phenol, Alkyl Phenol ethoxylates, Nonylphenol and Nonylphenol Ethoxylates (note including but not limited to the CAS numbers identified)	Alkylphenols: Nonylphenol (NP), Nonylphenol ethoxylate (NPE), Octylphenol (OP) and Octylphenol ethoxylates (OPE) 4-Nonylphenol, branched:	84852-15-3	PROHIBITED
	n-Nonylphenol	25154-52-3	PROHIBITED
	Nonylphenol ethoxylate	127087-87-0	PROHIBITED
	Polyethylene glycol nonylphenylether	9016-45-9	PROHIBITED
	Tris-nonylphenyl phosphite (TNPP)	26523-78-4	PROHIBITED
	Octylphenol	27193-28-8	PROHIBITED
	Ethoxylated octylphenol	9036-19-5	PROHIBITED
	Nonoxynol-1	37201-87-1	PROHIBITED
	Polyoxyethylene Nonyl Phenol	68412-54-4	PROHIBITED
	Phenol, 4-nonyl-, branched	84852-15-3	PROHIBITED
	4-Nonylphenol	104-40-5	PROHIBITED
	p-(1-methyloctyl)phenol	17404-66-9	PROHIBITED
	p-Isononylphenol	26543-97-5i	PROHIBITED
	p-(1,1-dimethylheptyl)phenol	30784-30-6	PROHIBITED
	4-(3-Methyl-3-octyl)phenol	52427-13-1	PROHIBITED
	353-NP, 4-(1-Ethyl-1,3-dimethylpentyl)phenol	186825-36-5	PROHIBITED
	4-(3',6'-Dimethyl-3'-heptyl)phenol	142731-63-3	PROHIBITED
	Phenol, nonyl-, branched	90481-04-2	PROHIBITED
	4-n-Nonylphenol Monoethoxylate	104-35-8	PROHIBITED
	thanol, 2-[2-[2-[2-(4-nonylphenoxy)ethoxy]ethoxy]ethoxy]ethoxy]-	7311-27-5	PROHIBITED
Nonoxynol 9	14409-72-4	PROHIBITED	
4-Nonyl Phenol Diethoxylate	20427-84-3	PROHIBITED	

	Polyethylene Glycol Mono-4-nonylphenyl Ether	26027-38-3	PROHIBITED
	20-(4-Nonylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol	27942-27-4	PROHIBITED
	p-Nonylphenol hexaethoxylate	34166-38-6	PROHIBITED
	Isononylphenol-ethoxylate	37205-87-1	PROHIBITED
	4-t-Nonylphenol-diethoxylate	156609-10-8	PROHIBITED
	Poly(oxy-1,2-ethanediyl), alpha-(nonylphenyl)-omega-hydroxy-, branched	68412-54-4	PROHIBITED
Aromatic Amines	4-Aminodipheny	92-67-1	PROHIBITED
	Benzidine	92-87-5	PROHIBITED
	4-Chloro-o-Toluidine	95-69-2	PROHIBITED
	2-Naphthylamine	91-59-8	PROHIBITED
	o-Aminoazotoluene	97-56-3	PROHIBITED
	2-Amino-4-Nitrotoluene	99-55-8	PROHIBITED
	p-Chloroaniline	106-47-8	PROHIBITED
	2,4-Diaminoanisole	615-05-4	PROHIBITED
	4,4'-Diaminodiphenylmethane	101-77-9	PROHIBITED
	3,3'-Dichlorobenzidine	91-94-1	PROHIBITED
	3,3'-Dimethoxybenzidine	119-90-4	PROHIBITED
	3,3'-Dimethylbenzidine	119-93-7	PROHIBITED
	3,3'-Dimethyl-4,4'diaminodiphenylmethane	838-88-0	PROHIBITED
	p-Cresidine	120-71-8	PROHIBITED
	4,4'-Methylene-Bis(2-Chloroaniline)	101-14-4	PROHIBITED
	4,4'-Oxydianiline	101-80-4	PROHIBITED
	4,4'-Thiodianiline	139-65-1	PROHIBITED
	o-Toluidine	95-53-4	PROHIBITED
	2,4-Toluylenediamine	95-80-7	PROHIBITED
	2,4,5-Trimethylaniline	137-17-7	PROHIBITED
	o-Anisidine	90-04-0	PROHIBITED
	p-Aminoazobenzene	60-09-3	PROHIBITED
	2,4-Xylidine	95-68-1	PROHIBITED
2,6-Xylidine	87-62-7	PROHIBITED	
Azo Dyes	Benzidine based dyes	Multiple	PROHIBITED
	o-Anisidine (=ortho-Anisidine) based dyes	Multiple	PROHIBITED
	Toluidine based dyes	Multiple	PROHIBITED
Benzophenones	Benzophenone	119-61-9	PROHIBITED
	Benzophenone-2	131-55-5	PROHIBITED
	Dioxybenzone (Benzophenone-8)	131-53-3	PROHIBITED
	Oxybenzone (Benzophenone-3)	131-57-7	PROHIBITED
	Suliisobenzone (benzophenone-4)	4065-45-6	PROHIBITED
	2,4-Dihydroxybenzophenone]	131-56-6	PROHIBITED

Bisphenol	Bisphenol A (4,4'-Isopropylidenediphenol)	80-05-7	PROHIBITED
	Bisphenol F	620-92-8	PROHIBITED
	Bisphenol S	80-09-1	PROHIBITED
Boric Acid/Borates	Boric Acid/Borates	10043-35-3; 11113-50-1	PROHIBITED
Butylated Hydroxyanisole (BHA)	Butylated Hydroxyanisole (BHA)	25013-16-5	PROHIBITED
Colophony Resins	Colophony Resins	8050-09-7 8052-10-6 73138-82-6	PROHIBITED
Flame Retardants	Tris (1,3-dichloro-2-propyl) phosphate (TDCPP)	13674-87-8	PROHIBITED
	Tris (2-chloroethyl) phosphate (TCEP)	115-96-8	PROHIBITED
	Tris (1-chloro-2-propyl) phosphate (TCPP)	13674-84-5	PROHIBITED
	2-ethylhexyl tetrabromobenzoate (TBB)	183658-27-7	PROHIBITED
	Bis (2-ethylhexyl)-2,3,4,5-tetrabromophthalate (TBPH)	26040-51-7	PROHIBITED
	Triphenylphosphate (TPP)	115-86-6	PROHIBITED
	2,2-bis(chloromethyl) trimethylene bis(bis(2-chloroethyl)phosphate) (V6)	38051-10-4	PROHIBITED
	4-(tert-butyl)phenyl diphenyl phosphate (MDPP)	56803-37-3	PROHIBITED
	Bis (tert-butylphenyl) phenyl phosphate (DBPP)	65652-41-7	PROHIBITED
	Tris (4-tert-butylphenyl) phosphate	78-33-1 28777-70-0	PROHIBITED
	Pentabromodiphenyl ethers (PentaBDE)	32534-81-9	PROHIBITED
	Octabromodiphenyl ethers (OctaBDE)	32536-52-0	PROHIBITED
	Decabromodiphenyl ethers	1163-19-5	PROHIBITED
	Hexabromocyclododecane (HBCD or HBCDD)	3194-55-6	PROHIBITED
	Tetrabromobisphenol A (TBBPA)	79-94-7	PROHIBITED
	Isopropylated Triphenyl Phosphate (IPTPP)	68937-41-7	PROHIBITED
	Antimony Trioxide	1309-64-4	PROHIBITED
	Short Chain Chlorinated Paraffins (SCCP)	85535-84-8	PROHIBITED
	Fluorinated compounds	Pentadecafluorooctanoic acid (PFOA)	335-67-1
Perfluorooctane sulfonate (PFOS)		1763-23-1	PROHIBITED

Formaldehyde and Formaldehyde releasing preservatives	Formaldehyde	50-00-0	PROHIBITED*
	Quaternium-15	4080-31-3, 51229-78-8	PROHIBITED
Glutaraldehyde	Glutaraldehyde	111-30-8	PROHIBITED
Heavy Metals	Lead Mercury Arsenic Cadmium	Lead (7439-92-1) Mercury (7439-97-6), Arsenic (7440-38-2); Cadmium (7440-43-9);	PROHIBITED
IPBC	Iodopropynyl butylcarbamate (IPBC); 3-iodo-2-propynyl-butylcarbamate	55406-53-6	PROHIBITED (ABSORBENT HYGIENE PRODUCTS, BABY AND CHILD FORMULATED PRODUCTS, PERINEAL CARE FORMULATED PRODUCTS, AND AEROSOLIZED PRODUCTS) RESTRICTED (WITH PERMISSION ONLY IN ALL OTHER PRODUCTS IN SCOPE)
Isocyanates	IToluene Diisocyanate (TDI) 2,4-Toluene diisocyanate 2,6-Toluene diisocyanate Diphenylmethane diisocyanate (MDI)	26471-62-5 91-08-7 584-84-9 26447-40-5	PROHIBITED
Methyldibromo Glutaronitrile	Methyldibromo Glutaronitrile	35691-65-7	PROHIBITED
Natural Rubber and Natural Rubber Latex	Natural Rubber	9006-04-6	PROHIBITED
Organotin compounds	Monobutyltin (MBT)	78763-54-9	PROHIBITED
	Dibutyltin (DBT)	1002-53-5	PROHIBITED
	Tributyltin (TBT)	688-73-3	PROHIBITED
	Triphenyltin (TPT)	668-34-8	PROHIBITED
	Diocetyl tin (DOT)	15231-44-4	PROHIBITED
Parabens	Butylparaben	94-26-8	PROHIBITED
	Ethyl paraben	120-47-8	RESTRICTED (WITH PERMISSION ONLY IN SURFACE CLEANING, AND PROFESSIONAL FORMULATED PRODUCTS)

	Isobutylparaben	4247-02-3	PROHIBITED
	Isopropyl paraben	4191-73-5	PROHIBITED
	Methylparaben	99-76-3	RESTRICTED (WITH PERMISSION ONLY IN SURFACE CLEANING, AND PROFESSIONAL FORMULATED PRODUCTS)
	Propylparaben	94-13-3	PROHIBITED
PHMB (Polyaminopropyl biguanide)	PHMB (Polyaminopropyl biguanide)	27083-27-8 32289-58-0 133029-32-0 28757-47-3 70170-61-5	PROHIBITED
Phthalates: All esters of o-phthalic acid	Di-isononyl phthalate (DINP)	28553-12-0	PROHIBITED
	Di(ethylhexyl) phthalate (DEHP)	117-81-7	PROHIBITED
	Di-n-octyl phthalate (DNOP)	117-84-0	PROHIBITED
	Di-iso-decyl phthalate (DIDP)	26761-40-0 68515-49-1	PROHIBITED
	Butyl benzyl phthalate (BBP)	85-68-7	PROHIBITED
	Dibutyl phthalate (DBP)	84-74-2	PROHIBITED
	Di-isobutyl phthalate (DiBP)	84-69-5	PROHIBITED
	Dicyclohexyl phthalate (DCHP)	84-61-7	PROHIBITED
	Diisooctyl phthalate	27554-26-3	PROHIBITED
	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4	PROHIBITED
	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	PROHIBITED
	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	PROHIBITED
	Bis-(2-methoxyethyl) phthalate (DMEP)	117-82-8	PROHIBITED
	Diisopentylphthalate (DIPP)	605-50-5	PROHIBITED
	N-pentyl-isopentyl phthalate (NPIPP)	776297-69-9	PROHIBITED
	Di-n-pentylphthalate (DnPP)	131-18-0	PROHIBITED
	Di-n-hexylphthalate (DnHP)	84-75-3	PROHIBITED
	Dimethylphthalate	131-11-3	PROHIBITED
Diethylphthalate	84-66-2	PROHIBITED	
Poly Aromatic Hydrocarbon (PAH)	Acenaphthene	83-22-9	PROHIBITED
	Benzo(a)anthracene (BaA)	56-55-3	PROHIBITED
	Benzo(a)pyrene (BaP)	50-32-8	PROHIBITED
	Benzo(e)pyrene (BeP)	192-97-2	PROHIBITED
	indeno-(1,2,3-c,d)-pyrene (phenylenepyrene)	193-39-5	PROHIBITED
	Chrysene (CHR)	218-01-9	PROHIBITED

	Benzo(b)fluoranthene (BbFA)	205-99-2	PROHIBITED
	Benzo(k)fluoranthene (BkFA)	207-08-9	PROHIBITED
	dibenzo(a,h)anthracene ((DBAhA)	53-70-3	PROHIBITED
PVC	Polyvinyl Chloride	9002-86-2	PROHIBITED
Solvents	Benzene	71-43-2	PROHIBITED
	Carbon Tetrachloride	56-23-5	PROHIBITED
	1,2-Dichloroethane	107-06-2	PROHIBITED
	1,1-Dichloroethane	75-34-3	PROHIBITED
	1,1,1-Trichloroethane	71-55-6	PROHIBITED
	1-Bromopropane	106-94-5	PROHIBITED
	Tetrachloroethylene (PERC)	127-18-4	PROHIBITED
	Trichloroethylene	79-01-6	PROHIBITED
	Toluene	108-88-3	PROHIBITED
Triclosan and Triclocarbon	Triclocarban	101-20-2	PROHIBITED
	Triclosan	3380-34-5	PROHIBITED

KIMBERLY-CLARK PROHIBITED AND RESTRICTED SUBSTANCES

ST-14665 Revision: 2 Kimberly-Clark Restricted Substances List Effective Date: Feb 12, 2020

THIS DOCUMENT CONTAINS CONFIDENTIAL KIMBERLY-CLARK INFORMATION.

FORMULATED PERSONAL CARE PRODUCTS; FORMULATED PERSONAL CARE WIPE PRODUCTS, AND FORMULATED SURFACE CLEANING PRODUCTS

Kimberly-Clark Restricted Substances for “formulated products” are listed below. Formulated products must comply with the Restricted Substances – All products as well as the following restrictions. The chemicals listed are prohibited and/or restricted in the production of Kimberly-Clark formulated products, including incidental materials.

Formulated products include:

- **Formulated Personal Care Products: Formulated Personal Care Products: (including but not limited to lotions, shampoo, conditioner, soaps, professional hand soaps and hand sanitizers)**
- **Formulated personal Care Wipes: Formulated personal care wipes and lotion tissue (including but not limited to perineal wipes, facial cleansing wipes, make-up removing wipes, hand and face wipes, and lotion tissue)**
- **Formulated Surface Cleaning Products: Formulated surface cleaning products (cleansing, antimicrobial, and sanitizing)**

We expect our suppliers to develop and implement appropriate internal business processes to ensure compliance with their suppliers.

Category	Substance	CAS Number	Restriction
Alkanolamides	Cocamide DEA	68603-42-9	PROHIBITED (WITH PERMISSION ONLY)
Formaldehyde and Formaldehyde releasing preservatives	Bronopol (2-Bromo-2-Nitropropane-1,3-Diol)	52-51-7	RESTRICTED (WITH PERMISSION ONLY IN SURFACE CLEANING, AND PROFESSIONAL FORMULATED PRODUCTS)
	Diazolidinyl urea	78491-02-8	RESTRICTED (WITH PERMISSION ONLY IN INSURFACE CLEANING, AND PROFESSIONAL FORMULATED PRODUCTS)
	DMDM Hydantoin	6440-58-0	RESTRICTED (WITH PERMISSION ONLY IN SURFACE CLEANING, AND PROFESSIONAL FORMULATED PRODUCTS)
	Imidazolidinyl urea	39236-46-9	RESTRICTED (WITH PERMISSION ONLY IN SURFACE CLEANING, AND PROFESSIONAL FORMULATED PRODUCTS)
	Methenamine	100-97-0	RESTRICTED (WITH PERMISSION ONLY IN SURFACE CLEANING, AND PROFESSIONAL FORMULATED PRODUCTS)
	Sodium hydroxymethylglycinate	70161-44-3	RESTRICTED (WITH PERMISSION ONLY IN SURFACE CLEANING, AND PROFESSIONAL FORMULATED PRODUCTS)
Impurities	1,4-Dioxane	121-91-1	PROHIBITED

			THRESHOLD LIMIT <10 PPM
IPBC	Iodopropynyl butylcarbamate (IPBC); 3-iodo-2-propynyl-butylcarbamate	55406-53-6	PROHIBITED (ABSORBENT HYGIENE PRODUCTS, BABY AND CHILD FORMULATED PRODUCTS, PERINEAL CARE FORMULATED PRODUCTS, AND AEROSOLIZED PRODUCTS) RESTRICTED (WITH PERMISSION ONLY IN ALL OTHER PRODUCTS IN SCOPE)
Isothiazolinones	Benzisothiazolinone	2634-33-5	PROHIBITED
	Methylchloroisothiazolinone/ Methylisothiazolinone	26172-55-4 2682-20-4 55965-84-9	RESTRICTED (WITH PERMISSION ONLY IN SURFACE CLEANING, AND PROFESSIONAL FORMULATED PRODUCTS) LIMIT: ≤15 PPM IN FINISHED PRODUCT
	Methylisothiazolinone	2682-20-4	PROHIBITED
Microbeads	Microbeads	Multiple	PROHIBITED
Parabens	Ethyl paraben	120-47-8	RESTRICTED (WITH PERMISSION ONLY IN SURFACE CLEANING, AND PROFESSIONAL FORMULATED PRODUCTS)
	Methylparaben	99-76-3	RESTRICTED (WITH PERMISSION ONLY IN SURFACE CLEANING, AND PROFESSIONAL FORMULATED PRODUCTS)
Siloxanes	Cyclotetrasiloxane (D4) (AKA octamethylcyclotetrasiloxane)	293-51-6 556-67-2	PROHIBITED THRESHOLD LIMIT <100 PPM IN CHILDREN'S PRODUCTS