



**ZOBELE  
GROUP**

# **Substances Black List**

*Smart solutions for an easy life.*



# Zobebe Substances Black List

## Introduction and background

At Zobebe Group, we are committed to continuously protect our employees, our consumers and the world we live in. With the aim to deploy the safest production processes in our plants, to deliver the most sustainable products to our customers and to respect all the applicable laws and regulations, we have identified a set of chemical substances and preparations that we aim either to accept only in limited amount or to ban from all the raw materials we utilize.

Such substances and preparations are listed here below in a table called the “Zobebe Substances Black List”, that is used as reference in the new product design and product life management. The list is valid at group level and for all the product categories and allows to develop products that not only meet functional and aesthetic requirements, but that are also in compliance with the strictest norms on safety and environment, ensuring the required standard fulfillment.

Where the Zobebe Black list cannot be respected, and no other alternatives exist, Zobebe Regulatory team must be consulted to determine if the levels present constitute a significant risk.

## Periodic Black List update

Zobebe Group Regulatory team will keep the list up to date, according to International applicable laws evolution. The most recent edition of the Black List remains available on the Zobebe Group official web site ([www.zobebe.com](http://www.zobebe.com)). Suppliers are invited to periodically verify the consistency of the document in their hands with the latest one published on the website.

### Notes for the reader:

the columns “Applicable to:” and “Additional specific requirements:” are intended to identify the field of application for each limit.

Applicable to: identifies the macro category as per REACH regulation definitions

Additional specific requirements: identifies a restricted category of items. They need to be respected **in addition** to the limits reported in “Applicable to”

**For example:** if a supplier provides a fragrance, the fragrance should comply to all the limits “Applicable to: All Mixtures” and, in addition, all the limits related to “Fragrances” as “Additional Specific requirements”.

If supplier provides Packaging material, the packaging material should comply to all the limits “Applicable to: All Articles” and, in addition, all limits related to “Packaging” as “Additional Specific requirements”.



CHEMICALS BANNED/RESTRICTED	REGULATORY REFERENCE	CAS	LIMITS	APPLICABLE TO (*):			ADDITIONAL SPECIFIC REQUIREMENTS:			LINKS
				All substances	All mixtures	All Articles	Fragrances	Packaging	Electric and electronic equipment (or part of it)	
<b>CMR SUBSTANCES</b>										
Class 1A-1B Carcinogen, Mutagen and Reprotoxic substances (CMR)	Regulation (EC) No 1272/2008 (CLP)	Various	Absence	x	x					<a href="http://ec.europa.eu/environment/chemicals/ghs/index_en.htm/">http://ec.europa.eu/environment/chemicals/ghs/index_en.htm/</a>
Class 2 Carcinogen and Mutagen substances (CM)	Regulation (EC) No 1272/2008 (CLP)	Various	< 1,0 % w/w	x	x					<a href="http://eur-lex.europa.eu/legal-content/EN/ALL/?uri=CELEX:32008R1272ALL/?uri=CELEX:32008R1272">http://eur-lex.europa.eu/legal-content/EN/ALL/?uri=CELEX:32008R1272ALL/?uri=CELEX:32008R1272</a>
Class 2 Reprotoxic substances (R)	Regulation (EC) No 1272/2008 (CLP)	Various	< 3,0 % w/w	x	x					
<b>RESPIRATORY SENSITIZERS - ASPIRATION TOXICITY</b>										
Substances classified as respiratory sensitizer (H334) according to criteria of Regulation 1272/2008 (CLP)	Regulation (EC) No 1272/2008 (CLP)	Various	< 100 ppm	x	x					
Mixtures classified as "May be fatal if swallowed and enters airways" (H304) according to criteria of Regulation 1272/08 (CLP).	Regulation (EC) No 1272/2008 (CLP)	Various	Absence				x			
<b>OTHER CHEMICALS</b>										
Alkylphenol ethoxylates		Various	Absence	x	x					
Substances included in IFRA (International Fragrance Associations) regulation	IFRA	Various	Specific limits for each item				x			<a href="http://www.ifraorg.org/en-us/standards_1">http://www.ifraorg.org/en-us/standards_1</a>
Bis-Phenol A		80-05-7	Absence	x	x	x				
Formaldehyde/formaldehyde donors		50-00-0	Absence	x	x					
Nitrosamines		Various	Absence	x	x					
Flammable liquids with flashpoint ≤60°C		Various	Absence	x	x					
PVC (Polyvinyl chloride)		9002-86-2	Absence					x		
Toxics in packaging and packaging material: Lead, mercury, cadmium and hexavalent chromium found in packaging, inks, labels		Various	≤ 100 ppm					x		<a href="http://toxicsinpackaging.org/model-legislation/model/">http://toxicsinpackaging.org/model-legislation/model/</a>
Lead, mercury, hexavalent chromium, polybrominated biphenyls, polybrominated diphenyl ether as per RoHS2 directive	European Directive 2011/65/EU (RoHS2)	Various	≤ 0,1 %						x	
Cadmium, as per RoHS2 directive	European Directive 2011/65/EU (RoHS2)		≤ 0,01 %						x	
Substances of Very High Concern, classified as PBT, vPvB or Endocrine Disruptors, and included in the "Candidate List" published by the European Chemicals Agency, according to Regulation (EC) No 1907/2006 (REACH), directly added or as contamination.	Regulation (EC) No 1907/2006 (REACH)	Various	≤ 0,1 %			x				<a href="http://echa.europa.eu/web/guest/candidate-list-table/">http://echa.europa.eu/web/guest/candidate-list-table/</a>
Restrictions limit or ban the manufacture, placing on the market or use of certain substances that pose an unacceptable risk to human health and the environment	Regulation (EC) No 1907/2006 (REACH) Annex 17	Various	Specific limits for each item	x	x	x				<a href="http://echa.europa.eu/addressing-chemicals-of-concern/restrictions/substances-restricted-under-reach/">http://echa.europa.eu/addressing-chemicals-of-concern/restrictions/substances-restricted-under-reach/</a>
<b>VARIOUS</b>										
Illegally taken, transported, or sold flora & fauna		Not applicable	Absence	x	x	x				
Ozone depleting substances		Not applicable	Absence	x	x	x				
Conflict minerals 3TG (Tantalum, Tin, Tungsten, Gold or their derivatives) from DRC and adjoining countries: Angola, Burundi, Rep. Central Africana, Rep. del Congo, Ruanda, Sud Sudan, Tanzania, Uganda and Zambia (as per Dodd-Frank Section 1502)	Dodd-Frank Section 1502	Not applicable	Absence						x	<a href="https://www.sec.gov/about/laws/wallstreetreform-cpa.pdf">https://www.sec.gov/about/laws/wallstreetreform-cpa.pdf</a>



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