

KDP Chemicals Management Policy November 6, 2023

Overview

Keurig Dr Pepper's (KDP) Chemicals Management Policy ("Policy") establishes our position with respect to the responsible management of Chemicals of Concern and the identification of opportunities to reduce or eliminate the use of certain chemicals where feasible or required by law; or otherwise manage such chemicals. This Policy applies to all raw materials including water, ingredients and packaging materials related to KDP-branded food and beverage products. At a minimum, all KDP-branded products are formulated and manufactured so that they are safe to use as intended. We ensure our products and packaging comply with applicable regulatory standards and laws in the countries in which KDP distributes and require our suppliers and third-party producers to meet or exceed these standards in conformance with this Policy and our [Supplier Code of Conduct](#). In addition, KDP considers the related requirements of our retail customers in formulating its policies related to chemicals management.

This Policy is comprised of four sections; a general explanation of KDP's Chemicals of Concern and Emerging Chemicals of Concern, followed by three sections explaining how the Chemicals Management program applies to packaging materials, ingredients, and water.

Chemicals of Concern

KDP identifies the following as Chemicals of Concern. We continually monitor the latest science, research and state and federal regulations and may update this list as new information is available. This could include both removing or adding chemicals determined to be of concern:

- A. **Perfluoroalkyl and polyfluoroalkyl substances (PFAS), their salts and degradation compounds.** "PFAS" means all members of the class of fluorinated organic chemicals containing at least one fully fluorinated carbon atom. This includes all short-chain, long-chain, or branched PFAS, as well as Gen-X chemicals.
- B. **Phthalates.** "Phthalates" or "ortho-phthalates" mean all members of the class of organic chemicals that are esters of phthalic acid and that contain 2 carbon chains located in the ortho position.
- C. **Toxic and Heavy Metals:** Arsenic, Cadmium, Lead, Mercury, and Hexavalent Chromium
- D. **Bisphenols:** any member of a class of industrial chemicals that contain two hydroxyphenyl groups, including but not limited to Bisphenol A (**BPA**), Bisphenol S, Bisphenol F, Bisphenol AF and Tetrabromobisphenol A.
- E. **Any Prop 65 Listed Chemical not already incorporated by reference in A through D above and requiring label declaration for retail sale.**
- F. **Agricultural chemicals** including pesticides, insecticides, fungicides, and herbicides.
- G. **Unapproved Ingredient and Packaging Constituents** (e.g., additives and colors) not generally recognized as safe and approved as used, by the FDA and/or Health Canada, in a purchased ingredient.

Emerging Chemicals of Concern – KDP has also identified Emerging Chemicals of Concern, either because they have been identified as potentially hazardous to humans and are likely to be regulated in the future, or due to

emerging regulations. We communicate the list to suppliers as appropriate and encourage them to identify and communicate the presence of these chemicals to support KDP compliance strategy development.

1. Chemicals of Concern in Packaging

KDP manages the presence of Chemicals of Concern in the packaging procured by KDP and used in manufacturing KDP-branded products. All toll manufacturers sourcing their own packaging and producing for KDP are responsible for maintaining compliance with this Policy and applicable legal requirements. We require all other bottlers of KDP branded products to maintain legal compliance with respect to all KDP branded products they sell.

“Packaging” refers to any individual assembled part of a package, such as, but not limited to cans, bottles, closures, labels, coatings, inks, dyes, pigments, adhesives, stabilizers, any other additives, plastic cups, lids, pouches, flexible multi-serve bags (bag-in-box), multi-layer cartons, plastic coffee pods, and pod components (filter paper, discs, etc.) It also includes secondary/tertiary packaging used to package a KDP product, including: any interior or exterior blocking, bracing, cushioning, weatherproofing, and exterior strapping.

Chemical of Concern	Presence	KDP Requirement
PFAS	Intentionally Added ¹ and/or Use As Processing Agent Where Detectable ²	Prohibited
	Incidental ³	<100 ppm Total Organic Fluorine (TOF) - CA limit; for certain retail customers > 50 ppm TOF drives speciation testing
Phthalates	Intentionally Added ¹	Prohibited
	Incidental ³ and / or Use As Processing Agent Where Detectable ²	Retail Customer: Limit: 500 mg/kg (each), 1000 mg/kg (sum) Toxics in Packaging Clearinghouse Limit: 100 mg/kg (sum)
Heavy Metals	Intentionally Added ¹	Prohibited
	Incidental ³ and / or Use As Processing Agent Where Detectable ²	Toxics in Packaging Clearinghouse Limit: Sum of Lead, Arsenic, Cadmium, Mercury, Hexavalent Chromium < 100 ppm
Bisphenols	Intentionally Added ¹	Prohibited in finished product packaging being distributed where regulated and in accordance with the packaging component specified in the regulation

¹ **Intentionally Added** – means the deliberate use of a chemical in the formulation of a package or packaging component where its continued presence is desired in the finished package or packaging component to provide a specific characteristic, appearance, or quality.

² **Use as Processing Agent Where Detectable** – means use of chemical as a processing agent, mold release agent, or intermediate where the chemical is detectable in the final package or packaging component

³ **Incidental** – means the detectable presence of the regulated compound due to its ubiquitous presence in water and/or recycled materials used to manufacture the packaging or packaging component.

KDP monitors and assesses supplier conformance with this Policy to enable confirmation of compliance with applicable laws and regulations as well as conformance to customer requirements. On behalf of its operating affiliates, KDP requires all packaging suppliers to provide declarations that a) all materials used to manufacture packaging, and b) the finished packaging product, meet all applicable legal compliance and Policy requirements. Third-party producers are held to compliance requirements through manufacturing agreements and are required to provide similar documentation for the packaging materials they source for use in producing KDP-branded products upon request.

2. Chemicals of Concern in Ingredients

KDP manages the presence of Chemicals of Concern in the ingredients procured by KDP and used in manufacturing KDP-branded products at owned locations. By communicating this Policy, KDP sets the requirements for ingredients procured and used by third parties producing KDP-branded products.

Chemical of Concern	Presence	KDP Requirement
Agricultural Chemicals (e.g., insecticides, pesticides, herbicides, fungicides)	On purchased ingredient crops (such as apples or green coffee beans), or in purchased, processed ingredients from an input crop (e.g., fruit juice concentrates, flavors, processed oils)	Prohibited where chemicals not registered for use under US or Canadian Law, or where a detectable residue exceeds the applicable Canadian or US MRLs
Other Regulated and Emerging Chemicals (e.g., Toxic Heavy Metals, Prop 65 listed chemicals, mycotoxins, PFAS)	Intentionally or incidentally present, except for those naturally occurring and for which there is an exemption under the applicable law	Prohibited when detectable at levels greater than US and Canadian federal, state, and provincial regulatory limits. This includes the presence of and potential migration of chemicals from ingredient packaging over the expected storage life of a packaged ingredient.
Unapproved Food Ingredient Constituents (e.g., food additives, processing aids)	Intentionally or incidentally present	Prohibited when not used as approved by the FDA or Health Canada or where a GRAS (Generally Recognized as Safe) or similar safety assessment has been conducted.

KDP collects documentation and assesses supplier conformance with this Policy during the Supplier and Ingredient approval processes, to enable confirmation of compliance with various federal, state, and provincial laws and regulations and conformance to customer requirements. These requirements cover KDP-approved ingredients and suppliers whether procured by KDP or third-party producers.

Chemicals of Concern in Water

KDP maintains a water safety compliance program which delivers compliance with applicable regulations. The program's scope includes public and private water sources ("Source Water") as well as water further treated on-site prior to use ("Treated Water") by KDP-owned manufacturing locations.

In addition to annual federal compliance testing, KDP monitors the presence of Chemicals of Concern in water used to manufacture KDP products at owned facilities. KDP requires third-party producers to perform monitoring testing to demonstrate compliance and share results with KDP upon request.

Chemical of Concern	Scope		KDP Requirements	
	KDP – owned facilities	3 rd Party Producers	Monitoring	Quality Limits
Contaminants Regulated by the EPA National Primary Drinking Water Standards	Facilities in US, Mexico, and Ireland	US	Source Water, Treated Water, and Bottled Water	Prohibited in Treated and Bottled Water when detectable above the EPA Maximum Contaminant Limit (MCL) and used in product for US distribution
Contaminants Regulated by the Guidelines for Canadian Drinking Water Quality	Canadian facilities	Canadian	Source Water and Treated Water	Prohibited in Treated Water when detectable at levels above Health Canada’s Maximum Acceptable Concentration.
Contaminants Regulated by 21 CFR 165	All Bottled Water Facilities producing for US	All Bottled Water Facilities producing for US	Bottled Water	Prohibited when detectable above the FDA’s allowable levels.
Contaminants Regulated by Official Mexican Standard-NOM - 127-SSA1-2021	Sites operating private wells in Mexico for human consumption	Sites operating private wells in Mexico for human consumption	Source/Treated Water* *sampled at the point it is considered safe for human consumption	Prohibited when detected above the allowable limit.
Contaminants Regulated by Official Mexican Standard-NOM-201-SSA1-2015	Sites producing bottled water or mineral water in Mexico	Sites producing bottled water or mineral water in Mexico	Bottled Water	Prohibited when detected above the allowable limit.
Contaminants Regulated by Official Mexican Standard- NOM-218-SSA1-2011	Sites producing beverages other than bottled water or mineral water in Mexico	Sites producing beverages other than bottled water or mineral water in Mexico	Beverages	Prohibited when detected above the allowable limit.
Other Regulated Contaminants (e.g., PFAS)	US, Irish and Canadian facilities	All Facilities producing for US and Canada	Source, Treated Water, and Bottled Water	Prohibited in Treated and Bottled water when detectable at levels above the most stringent State and Provincial regulations.

Conclusion

Maintaining customer and consumer confidence in the safety of KDP products is critical to our business. The KDP Chemical Working Group, a cross-functional team that continuously monitors the regulatory, industry and consumer landscapes, will review this Policy at least annually and update it as required to maintain compliance, identify opportunities for continuous improvement and satisfy key customer requirements.