

Nutrition By Age

Chemicals in foods

TABLE 1
Summary of Food-Related Uses and Health Concerns for the Compounds Discussed in This Statement

Category	Chemical	Food-Related Use	Selected Health Concerns
Indirect food additives	Bisphenols	Polycarbonate plastic containers	Endocrine disruption ³⁻⁸
		Polymeric, epoxy resins in food and beverage cans	Obesogenic activity, ⁹⁻ ¹² neurodevelopmental disruption ¹³⁻¹⁶
	Phthalates	Clear plastic food wrap	Endocrine disruption ¹⁷⁻²⁰
		Plastic tubing, storage containers used in industrial food production	Obesogenic activity ^{21,22}
	Perfluoroalkyl chemicals (PFCs)	Grease-proof paper and paperboard	Oxidative stress, ^{23,24} cardiotoxicity ^{25,26}
Perchlorate	Food packaging	Immunosuppression, ^{27,28} endocrine disruption, ²⁹⁻³¹ obesogenic activity, ³² decreased birth wt ³³	
Direct food additives	Nitrates and nitrites	Food packaging	Thyroid hormone disruption ³⁴⁻³⁶
		Direct additive as preservative and color enhancer, especially to meats	Carcinogenicity, ³⁷⁻³⁹ thyroid hormone disruption ^{40,41}

