

Hazard Score for Selected Flame Retardants

Chemical Name & GreenScreen Hazard Score	Primary Hazards	Indoor & Environmental Detections	Notes
GreenScreen Benchmark – 1 / ListTranslator – 1: High Concern			
Decabromodiphenyl ether (Deca-BDE) GS LT-1	<ul style="list-style-type: none"> very high persistence bioaccumulative effects on nervous system development suggestive evidence of cancer 	Detected in indoor dust, sediment, human serum, sewage sludge, birds, mammals, fish, soil, air	Banned in electronics enclosures in five states
Decabromodiphenyl ethane (DBDPE) GS BM-1	<ul style="list-style-type: none"> very high persistence high neurodevelopmental toxicity (based on similarity to deca-BDE) hormone disruption 	Detected in indoor dust, sediment, human serum, breast milk, sewage sludge, air, sediment	
1,3,5-Triazine, 2,4,6-tris(2,4,6-ribromophenoxy) (TTBP-TAZ) GS BM-1	<ul style="list-style-type: none"> very high persistence very high bioaccumulation impurity and breakdown product (2,4,6-TBP) is hormone disruptor 	Detected in floor and electronics dust	
2,4,6-tribromophenol (2,4,6-TBP) GS LT-1	<ul style="list-style-type: none"> very high persistence bioaccumulative hormone disruption 	Detected in human serum, placenta, indoor dust	Impurity in and breakdown product of TTBP-TAZ
GreenScreen Benchmark 2: Use but Search for Safer Substitutes			
Resorcinol diphosphate (RBDPP) GS BM-2	<ul style="list-style-type: none"> very high eco-toxicity moderate human toxicity high bioaccumulation 	Detected in house, car, furniture, electronics store dust in Europe	
Bisphenol A bis-(diphenylphosphate) (BPA-BDPP)	<ul style="list-style-type: none"> high persistence high bioaccumulation 	Detected in house, car, furniture, electronics store dust in Europe	

For more information: www.toxicfreefuture.org/flame-retardants-tvs

