



November 6, 2008

NEW NATIVE POLYBROMINATED DIPHENYL ETHER SOLUTION/MIXTURE

Brominated diphenyl ethers continue to receive a substantial amount of attention in the analytical community because of their widespread use, high stability, and potential for bioaccumulation. Although two commercial mixtures, pentaBDE and octaBDE, were phased out in 2001, the fate of the only currently available commercial mixture, decaBDE, remains a concern. The unease associated with the accumulation and impact of BDE-209, the main component of decaBDE, in the environment is compounded by the generation of lower, potentially more toxic, brominated diphenyl ethers through metabolic debromination. In response to these growing concerns, **Wellington** is releasing BDE-OND, a solution/mixture that contains all of the octa-, nona-, and deca-bromodiphenyl ether congeners.

BDE-OND*

PBDE	IUPAC #	Concentration
2,2',3,3',4,4',5,5'-Octabromodiphenyl ether	194	1.0 µg/ml
2,2',3,3',4,4',5,6-Octabromodiphenyl ether	195	1.0 µg/ml
2,2',3,3',4,4',5,6'-Octabromodiphenyl ether	196	1.0 µg/ml
2,2',3,3',4,4',6,6'-Octabromodiphenyl ether	197	1.0 µg/ml
2,2',3,3',4,5,5',6-Octabromodiphenyl ether	198	1.0 µg/ml
2,2',3,3',4,5,5',6'-Octabromodiphenyl ether	199	1.0 µg/ml
2,2',3,3',4,5,6,6'-Octabromodiphenyl ether	200	1.0 µg/ml
2,2',3,3',4,5',6,6'-Octabromodiphenyl ether	201	1.0 µg/ml
2,2',3,3',5,5',6,6'-Octabromodiphenyl ether	202	1.0 µg/ml
2,2',3,4,4',5,5',6-Octabromodiphenyl ether	203	1.0 µg/ml
2,2',3,4,4',5,6,6'-Octabromodiphenyl ether	204	1.0 µg/ml
2,3,3',4,4',5,5',6-Octabromodiphenyl ether	205	1.0 µg/ml
2,2',3,3',4,4',5,5',6-Nonabromodiphenyl ether	206	2.5 µg/ml
2,2',3,3',4,4',5,6,6'-Nonabromodiphenyl ether	207	2.5 µg/ml
2,2',3,3',4,5,5',6,6'-Nonabromodiphenyl ether	208	2.5 µg/ml
Decabromodiphenyl ether	209	2.5 µg/ml

* 50:50 Nonane:Toluene solution

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