



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

\* 50:50 Nonane:Toluene solution

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