

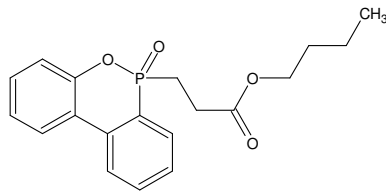
DOB11

Technical Data Sheet

DOB11

6H-Dibenz[c,e][1,2]oxaphosphotin-6-propanoic acid, butyl ester, 6-oxide

Synonyms: DOPO-AC4



Registration	
CAS No.	848820-98-4
Registration No.	01-2120076219-51-0000

Handling and Safety
Storage at dry condition. Under appropriate conditions the shelf life is 3 years. Avoid skin and eye contact. Wear protective clothing. For more information see material safety data sheet.

Standard Packaging
Drums

Chemical & Physical Properties	
General Formula	C ₁₉ H ₂₁ O ₄ P
Molecular Weight (g/mol)	344
Appearance	yellowish liquid
Assay (%)	min. 98
Decomposition starts at (°C)	250
Density (g/cm ³)	1.2
Flash point (°C)	> 100
Phosphorus content (%)	min. 8.5
Viscosity (Pas, 23°C, 100 1/s)	6 - 10
Chloride content (mg/kg)	max. 30

Description
DOB11 is a halogen-free flame retardant, which takes effect as a gas phase inhibitor.

Applications
DOB11 is especially suited for polyesters, PUR and epoxy-systems intermediate.

Oktober 2017

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