

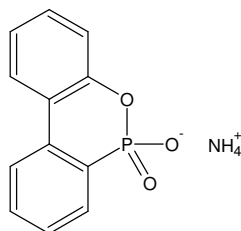
# DXA12

## Technical Data Sheet

DXA12

ammonium 6H-dibenzo[c,e][1,2]oxaphosphinin-6-olate 6-oxide

Salt of DX11 with Ammonia



Registration	
CAS No.	1402947-09-4
Registration No.	01-2119941025-47-0000

Handling and Safety	
Wear protective clothing. Storage at dry condition. Avoid dust formation. For more information see material safety data sheet.	

Standard Packaging	
Box 10 kg	

Chemical & Physical Properties	
General Formula	C <sub>12</sub> H <sub>12</sub> NO <sub>3</sub> P
Molecular Weight (g/mol)	249.2
Bulk density (g/l)	150 - 200
Appearance	white/yellowish powder
Water content (%)	max. 0.3
Water solubility (20 °C) (g/l)	32.1
Phosphorus content (%)	12.0 – 12.5
Nitrogen content (%)	5.3 – 5.7
Decomposition temp. (°C)	300
Particle size dmax (µm)	<10

Description	
DXA12 is a salt of 10-Hydroxy-9,10-dihydro-9-oxa-10-phosphaphenanthrene-10-oxide and Ammonia. It is a halogen-free flame retardant.	

Applications	
DXA12 is most effective at applications where a flame retardant as an gas phase radical inhibitor is required.	

November 2014

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