

FLAME RETARDANTS-GENERAL LIST & CLASSIFICATIONS.

FLAME RETARDANTS :

Flame retardants are chemicals that are added or applied to materials in order to slow or prevent the start/growth of fire. They have been used in many consumer and industrial products.

- SOME KNOWN FLAME RETARDANTS :

Product Name	CAS Number	
Zinc borate	138265-88-0/1332-07-6	Borate Flame
1,2,5,6-tetrabromocyclooctane	3194-57-8	Halogenated
1,2-Bis(2,4,6-tribromophenoxy)ethane	37853-59-1	Halogenated
3,5-Dibromo-4-(2,3-dibromopropoxy)diphenylsulfone(octabromobisphenol S)	42757-55-1	Halogenated
Ammonium bromide	12124-97-9	Halogenated
Brominated polystyrene (BPS)	88497-56-7	Halogenated
Chlorinated polyvinyl chloride	68648-82-8	Halogenated
Decabromodiphenyl oxide (DBDPO)	1163-19-5	Halogenated
Decabromodiphenyloxide (DBDPO)	1163-19-5	Halogenated
Decabromodiphenyl ethane (DBDPE)	84852-53-9	Halogenated
Dibromoneopentyl glycol	3296-90-0	Halogenated
Ethylebistera bromophthalimide (BT-93W)	32588-76-4	Halogenated
Hexabromocycloodecane (HBCD)	3194-55-6	Halogenated
Octabromodiphenyl ether	32536-52-0	Halogenated
Polybrominated biphenyls PBBs	59536-65-1	Halogenated
1,2-Bis(2,4,6-tribromophenoxy)ethane	29420-49-3	Halogenated
Tetrabromobisphenol A bis (allyl ether)	25327-89-3	Halogenated
Tetrabromobisphenol A bis(2,3-dibromopropyl ether) BDDP	21850-44-2	Halogenated
Tetrabromophthalic anhydride	632-79-1	Halogenated
Tribromoneopentyl alcohol	36483-57-5	Halogenated
Tribromophenol	118-79-6	Halogenated
Tris (2,3-dibromopropyl isocyanurate)TBC	52434-90-9	Halogenated
2,4,6-Tris-(2,4,6-tribromophenoxy)-1,3,5-triazine	25713-60-4	Halogenated
Aluminium hydroxide	21645-51-2	Inorganic Hydroxide
Diantimony trioxide	1309-64-4	Inorganic Hydroxide
Magnesium hydroxide	1309-42-8	Inorganic Hydroxide
Molybdenum trioxide	1313-27-5	Inorganic Hydroxide
Alkyl aluminium hypophosphite	225789-38-8	Inorganic Hydroxide
Melamine polyphosphate	218768-84-4	Melamine Flame Retardant
Melamine pyrophosphate	15541-60-3	Melamine Flame Retardant
Melamine cyanurate	37640-57-6	Melamine Flame Retardant
Bisphenol A Bis (diphenylphosphate)	5945-33-5	Melamine Flame Retardant
CDP	26444-49-5	Melamine Flame Retardant
Magnesium carbonate	39409-82-0	Inorganic Hydroxide
10-(2,5-Dihydroxyphenyl)-10H-9-oxa-10-phosphaphenanthrene-10-oxide	99208-50-1	Phosphorus Flame Retardant
2,2'-oxybis[5,5-dimethyl-1,3,2-dioxaphosphorinane] 2,2'-disulphide	4090-51-1	Phosphorus Flame Retardant

2-ethylhexyl diphenyl phosphate	1241-94-7	Phosphorus P
9,10-Dihydro-10-(2,3-dicarboxypropyl)-9-oxa-10-phosphaphenanthrene 10-oxide	63562-33-4	Phosphorus P
9,10-Dihydro-9-oxa-10-phosphaphenanthrene 10-oxide	35948-25-5	Phosphorus P
Ammonium polyphosphate	668333-79-9	Phosphorus P
Diethyl ethyl phosphonate	78-38-6	Phosphorus P
Diethyl N,N bis (2-hydroxyethyl) amino methylphosphonate	2781-11-5	Phosphorus P
Dimethyl propyl phosphonate	18755-43-6	Phosphorus P
Isodecyl diphenyl phosphate	29761-21-5	Phosphorus P
Isopropylated triphenyl phosphate mixture	68937-41-7	Phosphorus P
Linear alkyl diphenyl phosphate	27460-02-2	Phosphorus P
Oligomeric ethyl ethylene phosphate	184538-58-7	Phosphorus P
Phosphoric acid ,ester,1,4-phenylene tetraphenyl ester	51732-57-1	Phosphorus P
Poly-(m-phenylene methylphosphonate)	63747-58-0	Phosphorus P
Resorcinol Bis- (Diphenyl Phosphate)	57583-54-7	Phosphorus P
Resorcinol bis(2,6-dixylenyl phosphate)	139189-30-3	Phosphorus P
Resorcinol bis(diphenyl phosphate)	125997-21-9	Phosphorus P
Tetraphenyl resorcinol bis(diphenylphosphate)	57583-54-7	Phosphorus P
TPP (Triphenyl Phosphate)	115-86-6	Phosphorus P
Tri(m,p-cresyl) phosphate mixture	1330-78-5	Phosphorus P
Tributyl phosphate	126-73-8	Phosphorus P
Triethyl phosphate	78-40-0	Phosphorus P
Trimethyl phosphate	512-56-1	Phosphorus P
Tris (1,3-dichloroisopropyl) phosphate	13674-87-8	Phosphorus P
Tris (1,3-dichloroisopropyl) phosphate	13674-84-5	Phosphorus P
Tris (2-chloroethyl) phosphate	115-96-8	Phosphorus P
Tris(butoxyethyl) phosphate	78-51-3	Phosphorus P
Tris(tribromoneopentyl) phosphate	19186-97-1	Phosphorus P
Zinc Diethylphosphinate	284685-45-6	Phosphorus P
Di(tert-butylperoxyisopropyl)benzene	2212-81-9	
PBDEs	32534-81-9	
Phenoxy-terminated carbonate oligomer of TBBA (BC-52)	94334-64-2	
Phenoxy-terminated carbonate oligomer of TBBA (BC-58)	71342-77-3	
Poly(2,6-dibromophenyl)oxide (PBO)	69882-11-7	
Potassium diphenylsulphone sulphonate	63316-43-8	
TBBA	79-94-7	
Zinc hydroxystanate	12027-96-2	
Zinc stannate	12036-37-2	