



We Love Chemistry

## Textile flame retardant

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Hangzhou Mei Wang Chemical Co., Ltd.

# PROFILE

Mei Wang Chemical has been engaged in flame retardant textile for nearly 20 years. We have our own flame retardant production technique, as well as application strong R & D, which lead to great success in textile area. Currently we are the biggest manufacturer of Organic Cyclic Phosphonate (polyester fabric durable flame retardant) & flame retardant CP (cotton fabric durable FR) in China. With strong technical background, we are devoted us to provide our best flame retardants and technical service for our partner globally.



## Flame retardants for finishing fabric



Product	Equivalent to	CAS No	Finish method	Feature
Mflam CU	Amgard CU	170836-68-7	Padding	Organic Cyclic Phosphonate flame retardant suitable to finish polyester fabric to achieve durable washing.
Mflam CT	Amgard CT	170836-68-7	Padding	Organic Cyclic Phosphonate flame retardant suitable to finish polyester fabric to achieve durable washing.
Mflam 1045	Amgard 1045	170836-68-7	Padding	Organic Cyclic Phosphonate flame retardant suitable to finish polyester fabric to achieve durable washing, higher grade, better hand feel and no yellowish of the treated fabric.
Mflam CP	Pyravetax CP	20120-33-6	Padding	Phosphorus flame retardant suitable to finish cotton fabric to achieve durable washing.
Mflam FL	/		Dye bath	Phosphorus flame retardant suitable to finish polyester fabric to achieve durable washing by exhausting or padding.
Mflam CGN	Flovan CGN	84402-58-4	Padding	Phosphorus flame retardant suitable to finish all kinds of fabric to achieve flammability performance, not durable.
Mflam CS	~Flovan CGN	Mixture	Padding	Phosphorus flame retardant suitable to finish all kinds of fabric to achieve flammability performance, not durable.
Mflam APL	/	68333-79-9	Padding	Phosphorus flame retardant suitable to finish all kinds of fabric to achieve flammability performance, not durable.
Mflam THPC	/	124-64-1	Proban	Phosphorus flame retardant suitable to finish cotton fabric to achieve durable washing by Proban.
Mflam THPC-U	/	124-64-1	Proban	Phosphorus flame retardant suitable to finish cotton fabric to achieve durable washing by Proban.
Mflam THPS	/	55566-30-8	Proban	Phosphorus flame retardant suitable to finish cotton fabric to achieve durable washing by Proban.



**Flame retardant paste for back coating fabric**



Product	Equivalent to	CAS No	Finish method	Feature
Mflam 6807	Myflam™ 82036A	84852-53-9, 1309-64-4	Back coating	Water-based Environmental Flame Retardant paste suitable for coating fabric to achieve BS5852.
Mflam 6808	/	68333-79-9	Back coating	Halogen free Flame Retardant paste suitable for coating fabric to achieve BS5852.

**Flame retardants in fabric coating**



Product	Equivalent to	CAS No	Finish method	Feature
Mflam CU	Amgard CU	170836-68-7	Back coating	Organic Cyclic Phosphonate flame retardant suitable to be added in the paste to make back coating on fabric.
Mflam CT	Amgard CT	170836-68-7	Back coating	Organic Cyclic Phosphonate flame retardant suitable to be added in the paste to make back coating on fabric.
Mflam 1045	Amgard 1045	170836-68-7	Back coating	Organic Cyclic Phosphonate flame retardant suitable to be added in the paste to make back coating on fabric.
Mflam AP231	Exolit AP422	68333-79-9	Back coating	Normal ammonium polyphosphate suitable to be added in the flame retardant paste to make back coating on fabric.
Mflam AP230E	/	68333-79-9	Back coating	Epoxy coated ammonium polyphosphate suitable to be added in the flame retardant paste to make back coating on fabric, perfect compatible with fabric and water resistance.
Mflam AP230S	Cros 486	68333-79-9	Back coating	Silicon coated ammonium polyphosphate suitable to be added in the flame retardant paste to make back coating on fabric, perfect compatible with fabric and water resistance.
Mflam AP230MF	Exolit AP462	68333-79-9	Back coating	Melamine resin coated ammonium polyphosphate suitable to be added in the flame retardant paste to make back coating on fabric, perfect compatible with fabric and water resistance.
Mflam DBDE	Saytex 8010	84852-53-9	Back coating	Decabromodiphenyl ethane widely used in textile paste for back coating.
Mflam ATO	/	1309-64-4	Back coating	Antimony Trioxide widely used in textile paste for back coating as synergist with bromine.



### Optical Brightening Agent for Paper Industry

Application	Product name	Application field	C.I.	E-Value	CAS NO
Paper	Mbright BA	Wet-End Size Press	113	E370	12768-91-1
	Mbright BA-L	Wet-End Size Press	113	E130	12768-91-1
	Mbright BBU	Wet-End, Size Press, and Coating	220	E370	16470-24-9
	Mbright APC (BBU_L)	Wet-End, Size Press, and Coating	220	E130	16470-24-9
	Mbright HST	Size Press Coating	357	E80	

### Optical Brightening Agent for Plastic

Application	Product name	Application field	C.I.	E-Value	CAS NO
plastic/ink /coating	Mbright OB	General type	184	E1100-1200	7128-64-5
	Mbright OB-1	Plastic	393	E1930	1533-45-5
	Mbright 127	Plastic			

### Optical Brightening Agent for coating

Application	Product name	Application field	C.I.	E-Value	CAS NO
Coating	Mbright OB	Solvent based coating	184	1100-1200	7128-64-5
Coating	Mbright CBS-X	Water based coating	351	1140	27344-41-8



### Optical Brightening Agent for Textile Industry

Application	Product name	Application field	C.I.	E-Value	CAS NO
powder	Mbright ER-I	Polyester, blended fabric	199	1500	13001-39-3
	Mbright ER-II	Polyester, blended fabric	199.1	2000	13001-38-2
	Mbright ER-III	Polyester, blended fabric	199.2		13001-40-6
PES	Mbright PS-1	Polyester, blended fabric	199	E270	13001-39-3
	Mbright PS-3	Polyester, blended fabric	199.1	E320	13001-38-2
	Mbright PS-B	Polyester, blended fabric	199/199.1	E170	
Cotton	Mbright BA	Cotton fabric	113	E370	12768-91-1
	Mbright 4BK-B	Cotton fabric	113	E185	12768-91-1
	Mbright 4BK-R	Cotton fabric	113	E160	12768-91-1
	Mbright VBL	Cotton fabric	85	E370	12224-16-7
	Mbright MST-L	Cotton fabric	353	E80	68971-49-3
Wool/Nylon	Mbright NFW	Wool, Nylon	351	E1125	54351-85-8
	Mbright NFW450				
	Mbright BAC	Acrylic fibers cation	363	E110	175203-00-6

### Optical Brightening Agent for Detergent Industry

Application	Product name	Application field	C.I.	E-Value	CAS NO
Detergent	Mbright CXT	Cotton fabric	71	E370	16090-02-1
	Mbright CBS-X		351	1140	27344-41-8

