



Helping Make Agrochemical Formulations Better — Asia Pacific



The Chemical Company



At BASF we are committed to producing healthy, nutritious food. It is our vision as a leader in the agro-formulation industry to help farmers grow and harvest the finest crops with the help of our broad range of advanced additives and ‘green’ solvents for all pesticide purposes. We also offer micronutrients and adjuvants that will contribute to more profitable harvests through the use of fewer pesticides.

For naturally better results without side effects, at BASF we create chemistry.



Overview		Application											
Product Name	Description	Adjuvants			Solvents			Surfactants/ Dispersants					
		Tank Mix	Built-in	Glyphosate	Sticker	Carrier Oil	Water-insoluble	Co-solvent	Dispersant	Emulsifier	Wetter	Compatibiliser	Defoamer
Inert Solvents & Co-solvents													
Agnique® AMD 10	C10 Dimethyl Amide						■						
Agnique® AMD 810	C8/10 Dimethyl Amide						■	■					
Agnique® AMD 12	C12 Dimethyl Amide						■	■					
Agnique® ME 610-G	Methylester		■				■	■					
Agnique® ME 18 RD-F	C18 Methyl Canolate Ester	■	■			■	■	■					
Agnique® ME 18 S-RI	Methylester						■						
Agnique® FOH 9 OC	Oleyl-Cetyl Unsaturated Fatty Alcohol		■					■					
Agnique® AMD 3 L	Dimethylamide of natural lactic acid							■					
Surfactants													
Agnique® ESO 81	Epoxidized Soybean Oil				■					■			
Agnique® CSO 20	Ethoxylated Castor Oil (POE 20)									■			
Agnique® CSO-35	Ethoxylated Castor Oil (POE 35)									■			
Agnique® CSO-40	Ethoxylated Castor Oil (POE 40)									■			
Agnique® RSO-60	Ethoxylated Canola Oil (POE 60)	■	■							■			
Agnique® SBO 10	Ethoxylated Soybean Oil (POE 10)	■	■							■			
Agnique® SBO 30	Ethoxylated Castor Oil (POE 30)	■	■							■			
Agnique® PG 8101	C8-10 Alkyl Polyglycoside (D.P.=1.5) ca. 50% active content	■	■	■					■		■	■	
Agnique® PG 8105	C8-10 Alkyl Polyglycoside (D.P.=1.5) ca. 65% active content	■	■	■					■		■	■	
Agnique® PG 8107	C8-10 Alkyl Polyglycoside (D.P.=1.7) ca. 70% active content	■	■	■					■		■	■	
Agnique® FOH 90C-3	Ethoxylated Oleyl-Cetyl Alcohol (POE 3)	□	■	□						■			
Agnique® FOH 90C-5	Ethoxylated Oleyl-Cetyl Alcohol (POE 5)	□	■	□						■			
Lutensol® TO 8	Ethoxylated C13 Oxo Alcohol (POE 8)	□	■	□						■	■		
Agnique® SLES 270	Alkylether Sulfate										■		
Agnique® BL 7575	Proprietary blend of surfactants	■	■										
Dispersants													
Tamol® DN	Phenol Sulfonic Acid condensation product, Na salt									■			
Tamol® FB P1	Naphthalene Sulfonic Acid condensation product, Na salt									■			
Tamol® NN 8906	Naphthalene Sulfonic Acid condensation product, Na salt									■			
Sokalan® CP 9	Maleic Acid/Olefin Copolymer, Na Salt									■			
Pluronic® PE 10500	PO/EO Block Copolymer (appr. 50% EO content)									■	■		
Tank-Mix													
Emulan® LVA	Alcohol Polyglycol Ether	■										■	
Emulan® TXI	Alcohol Polyglycol Ether	■	■	□								■	
Agnique® BL 3095	Tank-mixing based on methyl ester	■											
Defoamer													
Agnique® SOAP L	Fatty acids, tallow, sodium salts												■
Pluronic® PE 6100	PO/EO Block Copolymer (appr. 10% EO content)												■
Pluronic® PE 6200	PO/EO Block Copolymer (appr. 20% EO content)												■
Anti-Caking Agents													
Tamol® WT	Anionic Polymer									■			

® = Registered trademark of BASF group

Remark :
This list of products represents our core product list of Agrochemical Additives.
For additional types of product, please contact us.



 Inert Solvents & Co-solvents

Product Name	Description	Features and Benefits	Appearance	Viscosity mPas(25°C)	Density 25°C(kg/L)	Boiling point (°C)	Solubility in water	Surface tension (0.25% in water)(mN/m)*	HLB	Flash point (°C)	Freezing point(°C)	Application											
												Adjuvants				Solvents			Surfactants/ Dispersants				
												Tank Mix	Built-in	Glyphosate	Sticker	Carrier Oil	Water-insoluble	Co-solvent	Dispersant	Emulsifier	Wetter	Compatibiliser	Defoamer
Agnique® AMD 10	N,N-Dimethyldecan-1-amide	Excellent co-solvent in EC formulations	Colorless to Yellow Liquid	-	0.88	291	Partly soluble	-	-	147	-		■										
Agnique® AMD 810	N,N-Dimethyldecan-1-amide, N,N-Dimethyloctanamide	Excellent co-solvent in EC formulations	Colorless to Yellow Liquid	-	0.88	-	Partly soluble	-	-	146	-		■				■	■					
Agnique® AMD 12	C12 Dimethyl Amide	Good co-solvent, water insoluble, which improves emulsification in formulation	Yellow Liquid	<49	≈0.87	>289	Insoluable	-	-	>119	≈8						■	■					
Agnique® ME 610-G	C6-C10 Methyl Caprylate-Caprates, some C6 Present	Excellent co-solvent in EC formulations	Yellow Liquid	<50	≈0.88	≈200	Insoluable	-	-	≈75	≈ -25		■				■	■					
Agnique® ME 18 RD-F	C18 Methyl Canolate Ester	Suitable as a solvent for EC or oil dispersions and as a base for adjuvants	Yellow Liquid	<50	≈0.88	>300	Insoluable	-	-	≈184	< -10	■	■			■	■	■					
Agnique® ME 18 S-RI	Methylester	Suitable as a solvent for EC or oil dispersions and as a base for adjuvants	Yellow Liquid	<50	≈0.88	≈158	Insoluable	-	-	≈190	<0	■	■			■	■	■					
Agnique® ME 181	C18 methyl Oleate Ester	Suitable as a solvent for EC or oil dispersions and as a base for adjuvants	Light Yellow Liquid	-	≈0.87	190	Insoluable	-	-	>190	-12	■	■			■	■	■					
Agnique® FOH 898	C8 Saturated Fatty Alcohol	Excellent co-solvent in EC formulations	Clear Liquid	<50	≈0.82	≈194	Insoluable	-	-	≈90	≈ -17	□	■					■					
Agnique® FOH 9 OC	Oleyl-Cetyl Unsaturated Fatty Alcohol	Good combined co-solvent and adjuvant	Yellow Liquid	<50	≈0.83 (40°C)	≈330	Insoluable	-	-	≈190	2 -- 12		■					■					
Agnique® AMD 3 L	Dimethylamide of natural lactic acid	Water soluble, good solvent and co-solvent	clear, yellowish liquid		1.046	223	Soluble	-	-	103	<-20							■					

* Bubble tensiometer from SITA®
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Surfactants



■ Main application □ Potential application

Product Name	Description	Features and Benefits	Appearance	Viscosity mPas (25°C)	Density 25°C(kg/L)	Boiling point (°C)	Solubility in water	Surface tension (0.25% in water)(mN/m) *	HLB	Flash point (°C)	Freezing point(°C)	Application											
												Adjuvants				Solvents			Surfactants/ Dispersants				
												Tank Mix	Built-in	Glyphosate soluble	Sticker	Carrier Oil	Water-insoluble	Co-solvent	Dispersant	Emulsifier	Wetter	Compatibiliser	Defoamer
Agnique® ESO 81	Epoxidized Soybean Oil	Sticker and film-forming agent, stabilizer and radical scavenger	Yellow Liquid	550-650	≈0.99	-	Insoluable	-	-	≈231	< -5	■	■			■	■	■					
Agnique® SBO 10	Ethoxylated Soybean Oil (POE 10)	Highly efficient sustainable adjuvant and emulsifier	Yellow Liquid	≈600	≈0.98	-	Partially soluble	≈68	≈7.0	>100	≈-3	■	■							■			
Agnique® CSO 20	Ethoxylated Castor Oil (POE 20)	Efficient general purpose non-ionic emulsifier (HLB = 10)	Yellow Liquid	≈750	≈1.05	-	Soluble	≈42	≈10.0	>150	≈-16									■			
Agnique® SBO 30	Ethoxylated Soybean Oil (POE 30)	Good emulsifier with adjuvancy effects in various formulations	Yellow Liquid	≈1000	≈1.04	-	Soluble	≈50	≈12.0	>200	≈-2	■	■							■			
Agnique® CSO-35	Ethoxylated Castor Oil (POE 35)	Efficient general purpose non-ionic emulsifier (HLB = 12)	Yellow Liquid	≈750	≈1.05	-	Soluble	≈42	≈12.5	>200	≈10									■			
Agnique® CSO-36D	Ethoxylated Castor Oil (POE 36)	Efficient general purpose non-ionic emulsifier	Light Yellow Liquid	-	1.056	-	Soluble	-	-	-	-									■			
Agnique® CSO-40	Ethoxylated Castor Oil (POE 40)	Efficient general purpose non-ionic emulsifier (HLB = 13)	Yellow Liquid	≈1300	≈1.05	-	Soluble	≈42	≈13.1	>200	≈10									■			
Agnique® SBO-60	Ethoxylated Soybean Oil (POE 60)	Highly hydrophobic emulsifier featuring unique adjuvancy properties in various formulation and application	Liquid	-	1.06	-	Partial	-	≈15.0	-	-	■	■							■			
Agnique® RSO-60	Ethoxylated Canola Oil (POE 60)	Highly hydrophobic emulsifier which also demonstrates adjuvancy effects in formulations	Solid	Solid	Solid	-	Soluble	≈46	≈15.0	>200	≈45	■	■							■			
Agnique® PG 8101	C8-14 Alkyl Polyglycoside (D.P.=1.5) ca. 50% active content	A versatile surfactant with combined potentiator, compatibilizing, dispersing, and wetting properties	Yellow Liquid	≈400	≈1.11	-	Soluble	≈30	≈13.2	>93	<0	■	■	■					■		■	■	
Agnique® PG 8105	C8-10 Alkyl Polyglycoside (D.P.=1.5) ca. 65% active content	A versatile surfactant with combined potentiator, compatibilizing, dispersing, and wetting properties	Yellow Liquid	≈3000	≈1.18	-	Soluble	≈30	≈13.2	>93	<0	■	■	■					■		■	■	
Agnique® PG 8107	C8-10 Alkyl Polyglycoside (D.P.=1.7) ca. 70% active content	An efficient potentiator, dispersing and wetting agent and also an exceptional compatibilizer	Dark Brown Liquid	≈3500	≈1.16	-	Soluble	≈31	≈13.6	>93	<0	■	■	■					■		■	■	
Agnique® PG 9116	C9-11 Alkyl Polyglycoside (D.P.=1.6)	A versatile surfactant with combined potentiator, compatibilizing, dispersing, and wetting properties	Yellow Liquid		1.1	> 93	Soluble					■	■	■					■		■	■	
Agnique® FOH 90C-3	Ethoxylated Oleyl-Cetyl Alcohol (POE 3)	Effective hydrophobic co-emulsifier with combined adjuvancy effect	Yellow Liquid	≈30	≈0.90	-	Partially soluble	-	≈6.6	>100	≈-3	□	■	□						■			
Agnique® FOH 90C-5	Ethoxylated Oleyl-Cetyl Alcohol (POE 5)	Effective hydrophobic co-emulsifier (O/W) with combined adjuvancy effect	Yellow Liquid	≈50	≈0.91	-	Partially soluble	≈60	≈9	>100	≈-5	□	■	□						■			
Lutensol® TO 8	Ethoxylated C13 Oxo Alcohol (POE 8)	Excellent wetting and emulsifier	Liquid	≈150	≈1.01	-	Soluble	≈27	≈13	>100	≈10									■			
Agnique® ABS 60 C	Ca Dodecylbenzene Sulfonate	Emilsifier for EC & OD Formulations	Yellow Liquid	-	-	-	-	-	-	>76	-									■			
Agnique® SLES 227	Alkylether Sulfate	Wetting agent and adjuvant for water-soluble pesticides	Clear Liquid	≈200 (20°C)	≈1.05	-	Soluble	-	-	-	-								■		■		
Agnique® SLES 270	Alkylether Sulfate	Wetting agent and adjuvant for water-soluble pesticides	Clear Liquid	-	1.1	-	Soluble	-	-	>93	-								■		■		
Agnique® SLES 28 RI	Alkyl ether sulfate C12-14, sodium salt	Wetting agent and adjuvant for water-soluble pesticides	Light Yellow Liquid	200	0.9-1.1	>100	Soluble			>100	≥0								■		■		
Agnique® SLES 370	Alkylether Sulfate	Wetting agent and adjuvant for water-soluble pesticides	Paste	> 10.000	≈1.08	-	Soluble	≈36	-	> 100	<0								■		■		

* Bubble tensiometer from SITA®
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Dispersants

Product Name	Description	Features and Benefits	Appearance	Viscosity mPas (25°C)	Density 25°C (kg/L)	Boiling point (°C)	Solubility in water	Surface tension (0.25% in water) (mN/m)*	HLB	Flash point (°C)	Freezing point (°C)	Application											
												Adjuvants			Solvents			Surfactants/Dispersants					
												Tank Mix	Built-in	Glyphosate	Sticker	Carrier Oil	Water-insoluble	Co-solvent	Dispersant	Emulsifier	Wetter	Compatibiliser	Defoamer
Tamol® DN	Phenol Sulfonic Acid condensation product, Na salt	Anionic Wetting & Dispersing agent for WDG	Powder	-	≈0.45	-	Soluble	-	-	> 100	-								■				
Tamol® FB P1	Naphthalene Sulfonic Acid condensation product, Na salt	Anionic Wetting & Dispersing agent for WDG	Powder	-	≈0.50	-	Soluble	-	-	-	-								■				
Tamol® NN 8906	Naphthalene Sulfonic Acid condensation product, Na salt	Anionic Wetting & Dispersing agent for WDG	Powder	-	≈0.50	-	Soluble	-	-	> 100	-								■				
Sokalan® CP 9	Maleic Acid/Olefin Copolymer, Na Salt	Anionic Dispersing agent for SC Formulations	Yellow Liquid	≈50	≈1.11	≈100	Soluble	≈50	-	> 100	≈-5								■				
Pluronic® PE 10400	PO/EO Block Copolymer (appr. 40% EO content)	Nonionic dispersants cum stabiliser for SC and SE formulations	White, Waxy Solid		1.03		Insoluble	38			37								■	■			
Pluronic® PE 10500	PO/EO Block Copolymer (appr. 50% EO content)	Nonionic dispersants cum stabiliser for SC and SE formulations	Paste	-	-	-	Soluble	≈39	≈15	>100	≈44								■	■			

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Formulated Blends

Product Name	Description	Features and Benefits	Appearance	Viscosity mPas(25°C)	Density 25°C(kg/L)	Boiling point (°C)	Solubility in water	Surface tension (0.25% in water)(mN/m)*	HLB	Flash point (°C)	Freezing point(°C)	Application													
												Adjuvants				Solvents			Surfactants/ Dispersants						
												Tank Mix	Built-in	Glyphosate	Sticker	Carrier Oil	Water-insoluble	Co-solvent	Dispersant	Emulsifer	Wetter	Compatibiliser	Defoamer		
Agnique® BL 7575	Proprietary blend of surfactants	Wetter for Paraquat formulation																							
Agnique® BL 7050	Proprietary blend of surfactants	Wetter for Glyphosate IPA SL Formulation	Colourless to Slightly Yellow Liquid	300	1.06	>100	Soluble	-	-	>100	<0														
Agnique® BL 7051	Proprietary blend of surfactants	Wetter for Glyphosate IPA SL Formulation	Yellow Liquid	600	1.06	>100	Soluble	-	-	>100	-														
Agnique® BL 7052	Proprietary blend of surfactants	Wetter for Glyphosate IPA SL Formulation	Yellow to Brown Liquid	-	1.01-1.07	>100	Soluble	-	-	>100	-														
Agnique® BL 88	Proprietary blend of surfactants	Wetter for Paraquat, and improve dilution stability	Light Yellow Liquid	<3500	1.03-1.07	>100	Soluble	-	-	>100	-														



■ Main application □ Potential application

Product Name	Description	Features and Benefits	Appearance	Viscosity mPas(25°C)	Density 25°C(kg/L)	Boiling point (°C)	Solubility in water	Surface tension (0.25% in water)(mN/m)*	HLB	Flash point (°C)	Freezing point(°C)	Application											
												Adjuvants				Solvents			Surfactants/ Dispersants				
												Tank Mix	Built-in	Glyphosate	Sticker	Carrier Oil	Water-insoluble	Co-solvent	Dispersant	Emulsifer	Wetter	Compatibiliser	Defoamer
Emulan® LVA	Alcohol Polyglycol Ether	Highly dynamic tank-mix adjuvant for excellent plant wetting	Liquid	≈100	≈1.02	-	Soluble	≈26	≈14	> 100	<0	■									■		
Emulan® TXI	Alcohol Polyglycol Ether	Highly dynamic tank-mix adjuvant for excellent plant wetting combined with low drift properties	Liquid	≈130	≈1.01	-	Soluble	≈28	-	> 100	<0	■	■	□							■		
Agnique® BL 3095	Tank-mixing based on methyl ester	Penetrant for herbicides	Light Amber, Clear Liquid	8500	0.87-0.89	-	-	-	-	170	-51	■											

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Anti-Caking Agents

■ Main application □ Potential application

Product Name	Description	Features and Benefits	Appearance	Viscosity mPas(25°C)	Density 25°C(kg/L)	Boiling point (°C)	Solubility in water	Surface tension (0.25% in water)(mN/m)*	HLB	Flash point (°C)	Freezing point(°C)	Application																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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												Tank Mix	Built-in	Glyphosate	Sticker	Carrier Oil	Water-insoluble	Co-solvent	Dispersant	Emulsifier	Wetter	Compatibiliser	Defoamer																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
Tamol® WT	Anionic Polymer	Anti caking agent for fertilizers and pesticides	Dark Brown Liquid	≈50	≈1.2	> 100	Soluble	-	-	> 100	≈ -3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							</



Defoamer

Main application

Potential application

Product Name	Description	Features and Benefits	Appearance	Viscosity mPas(25°C)	Density 25°C(kg/L)	Boiling point (°C)	Solubility in water	Surface tension (0.25% in water)(mN/m)*	HLB	Flash point (°C)	Freezing point(°C)	Application													
												Adjuvants				Solvents			Surfactants/ Dispersants						
												Tank Mix	Built-in	Glyphosate	Sticker	Carrier Oil	Water-insoluble	Co-solvent	Dispersant	Emulsifier	Wetter	Compatibiliser	Defoamer		
Agnique® DFM 111 S	Aqueous solution based on: Hydrocarbons, Organopolysiloxanes, modified	Defoamer	White Liquid	1,500-2,500	0.97	-	-	-	-	> 100	-														
Agnique® SOAP L	Fatty acids, tallow, sodium salts	Defoamer for WP, WDG solid formulations	Whitish Powder		0.48		Soluble			>93.3															
Pluronic® PE 6100	PO/EO Block Copolymer (appr. 10% EO content)	Versatile defoamer for liquid formulations & SC	Liquid	≈350	≈1.02	-	Non Soluble	≈40	≈3	> 100	≈-30														
Pluronic® PE 6200	PO/EO Block Copolymer (appr. 20% EO content)	Versatile defoamer for liquid formulations & SC	Liquid	≈500	≈1.04	-	Soluble	≈41	≈7	> 100	≈-12														

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Safety

We know of no ill effects that could have resulted from using our products for the purpose for which they are intended and from processing them in accordance with current practice. According to the experience we have gained up to now and other information at our disposal, our products do not exert any harmful effects on health, provided that they are used properly, due attention is given to the precautions necessary for handling chemicals, and the information and advice given in our safety data sheet are observed.

Use biocides safely. Always read the label and product information before use.

Labeling

Details about the classification and labeling of our products and further advice on safe handling are contained in the current safety data sheets.

Note

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