



Ask us for your solutions



Agricultural solutions - product portfolio
South America

Nouryon

We will design and supply the ultimate solutions for your needs. Today and tomorrow

Finding ways to enhance your agrochemical products or innovate technologies for crop-protection is what we do. Every day. Nouryon is a global, reliable and sustainable partner with a broad range of environmentally safe, biodegradable and cost effective solutions. Working together will lead to a sustainable future, boosting productivity and yield. Test us.

¹⁾ 1% in water ²⁾ Draves test ³⁾ McGowan	GENERAL CHARACTERISTICS											SOLUBILITY		FUNCTIONALITY & USE		
	Physical form (20°C)	Description	Active content	Water content	pH ¹⁾	CMC g/l	Surface tension mN/m ²	Contact angle	Wetting power ²⁾ 1g/l	HLB ³⁾	Water	Veg oil	Application area	Function	Prime use	
ADJUVANTS																
Adsee™ 611	Liquid	Fatty amine ethoxylate blend	100%	1%	6-7	0.027	38	66	48 sec	11	Soluble	Dispersible	TM	Penetrant	Rice, all pesticides	
Adsee™ 900	Liquid	Fatty alcohol ethoxylate	90%	10%	5-7	1.0	26	41	5 sec	6	Soluble	Dispersible	TM	Penetrant, wetter	Fungicides, Sulfonylureas, hydrophobic actives	
Adsee™ 907	Liquid	Tallow amine ethoxylate blend	96%	4%	9-11.5	0.062	39.5	71	>10 min	14	Soluble	Insoluble	SL	Penetrant	IPA Glyphosate 360	
Adsee™ AMP40	Liquid	Amphoteric	40%	60%	8.5-9.5	13.3	64	102	>5 min	25	Soluble	Insoluble	SL, SC, EW, ME	Humectant, penetrant, compatibilizer	Glyphosate, Glufosinate and fungicides	
Adsee™ C80W	Liquid	Cocoamine propyl amide	87%	13%	9-10	0.02	27	41	5 min	9	Dispersible	Dispersible	SL, WDG	Penetrant, compatibilizer	K Glyphosate 540, herbicide mixtures	
Adsee™ C-70A	Liquid	Cocoamine propyl amide	30%	70%	6.5-8.5	5.0	33	53	>5 min	9	Soluble	Insoluble	SL	Penetrant, compatibilizer	K Glyphosate 540, herbicide mixtures, not in TSCA	
Ethomeen® T/18	Liquid	Tallow amine ethoxylate 8 EO	100%	1%	9-11	0.02	35	70	>10 min	11	Soluble	Partly soluble	SL	Penetrant	IPA Glyphosate 360, Sulfonylureas	
DISPERSANTS																
Agrilan® 1015	Liquid	Phosphate ester	50%	25%	5.5-6.2	68	32	42	17 sec	NA	Soluble	Insoluble	EW, FC, SC, SE	Dispersant, emulsifier, wetter	Dispersant for aqueous formulations	
Agrilan® 1028	Liquid	Phosphate ester	100%	1%	2-3	0.54	25	36	45 sec	NA	Dispersible	Insoluble	SC, SE, SL	Dispersant, compatibilizer	High electrolyte and fertilizer formulations	
Agrilan® 755	Liquid	Polyacrylate copolymer	30%	19%	3.5-5	NA	NA	NA	>10 min	NA	Soluble	Dispersible	SC, SE, OD	Dispersant, emulsifier, stabiliser	High performance SC stabiliser	
Agrilan® 788	Liquid	Polyacrylate copolymer	40%		8-10	NA	NA	NA	>5 min	NA	Soluble	Dispersible	SC	Dispersant, stabiliser	White, cost-effective	
Agrilan® 789 Dry	White powder	Polyacrylate copolymer	95%	5%	7-8	3.0	42	92	>5 min	NA	Soluble	Insoluble	SC, WDG, WSG, WP	Dispersant, stabiliser	White, hard water tolerant, low foam	
Ethylan® NS-500LQ	Viscous liquid	Alcohol block copolymer	100%	0.2%	6.5-7.5	0.2	36	62	163 sec	20	Soluble	Insoluble	SC, SE	Dispersant, emulsifier, wetter	Versatile, standard co-dispersant for SC with Morwet D-425 Powder	
Morwet® D-360 Powder	Powder	Naphthalene Sulphonate blend	90%	3%	7.5-10	>50	54	95	>5 min	NA	Soluble	Insoluble	WP, WDG, SC	Dispersant	Synergistic blend of LS and NSC	
Morwet® D-425 Powder	Brown powder	Naphthalene sulphonate condensate	88%	4%	7.5-10	>25	60	85	>5 min	NA	Soluble	Insoluble	SC, WDG, WSG, WP	Dispersant, milling aid	Robust, universal, reliable performance	
Morwet® D-500 Powder	Brown powder	Naphthalene sulphonate blend	99%	2%	7.5-10	>25	43		>5 min	NA	Soluble	Insoluble	SC, WDG, WSG, WP	Dispersant, wetting, milling aid	Complete robust solution	
Morwet® D-809 Powder	Brown powder	Naphthalene sulphonate condensate	88%	4%	7.5-10	>25	63	86	>5 min	NA	Soluble	Insoluble	SC, WDG, WSG, WP	Dispersant, milling aid	Premium, hard water tolerant	
WETTING AGENTS																
Lankropol® KPH70	Liquid	Diocylsulfosuccinate in mpg/water	70%	11%	5-8	1.6	34	35	4 sec	15	Opaque sol	Insoluble	EC, EW, ME	Wetter	Extra fast, no colour	
Morwet® 3028 Powder	Brown powder	Naphthalene sulphonate blend	95%	2%	7.5-10	1.5	36	64	20 sec	11	Soluble	Insoluble	SC, WDG, WSG, WP	Wetter	Low hygroscopicity	
Morwet® DB Powder	Brown powder	Naphthalene sulphonate	75%	3%	7.5-10	0.013	43	66	250 sec	11	Soluble	Insoluble	SC, WDG, WSG, WP	Wetter	Low active content formulations	
Morwet® EFW Powder	Brown powder	Naphthalene sulphonate blend	95%	2%	7.5-10	6.0	32	65	17 sec	14	Soluble	Insoluble	SC, WDG, WSG, WP	Wetter	Extra fast wetting, use with Morwet D-425 Powder	
Morwet® IP Powder	Brown powder	Naphthalene sulphonate condensate	75%	2.5%	7.5-10	7.7	50	87	>5 min	12	Soluble	Insoluble	SC, WDG, WSG, WP	Wetter	Low foam	
EMULSIFIERS																
Agrilan® AEC145	Liquid/paste	TSP-ethoxylate 15 EO	100%	0.5%	6-7	0.015	41	63	6 min	2	Soluble	Soluble	EW, ME	Emulsifier	Combine with Lankropol KPH70	
Emulpon™ CO-360	Liquid/paste	Castor oil ethoxylate 36	100%	0.2%	6.5-7.5	0.3	39	73	>10 min	9	Soluble	Soluble	EC, EW, ME	Emulsifier	Combine with anionic emulsifier	
Ethylan® 324	Paste	Alcohol alkoxyate	100%	0.2%	6-8	0.03	36	56	>10 min	16	Soluble	Soluble	EC, EW, ME	Emulsifier, stabiliser	Aromatic and Armid DM solvents, spontaneity enhancer	
Ethylan® NS-500LQ	Viscous liquid	Alcohol block copolymer	100%	0.2%	6.5-7.5	0.2	36	62	163 sec	20	Soluble	Insoluble	EC, EW	Emulsifier, stabiliser	Aromatic and Armid DM solvents, spontaneity enhancer	
Sponto® EC-452	Liquid	Nonionic/anionic blend	100%	0.5%	5-7	NA	29	42	13 sec	15	Dispersible	Dispersible	EC	Emulsifier blend	Versatile emulsifier- phenoxies, dinitroanilines, MSO	
Sponto® EC-601	Liquid	Nonionic/anionic blend	100%	1%	5-8	0.034	36	51	>10 sec	9	Soluble	Dispersible	EC	Emulsifier blend	2,4-D, acetochlor, butylchlor, bromoxonyl EC fomulations	
Witconate® P-1220EH	Liquid	Branched DDBS, Ca salt	60%	1%	5-7	NA	NA	NA	NA	15	Dispersible	Soluble	EC, EW, ME	Emulsifier	Combine with Ethylan 324 & Ethylan NS-500LQ	
SOLVENTS and OTHERS																
Adsee™ ST4	Liquid	Maltodextrin/vinylpyrrolidone polymer	24%	76%	4-6	NA	NA	NA	NA	NA	Soluble	Insoluble	FS	Binder	Reduce dust-off, improve flowabilit	
Armid® DM10	Liquid	C10 dimethyl amide	100%	0.5%	4-7	NA	NA	NA	NA	NA	Insoluble	Soluble	EC, EW	Oil soluble	Replace NMP and aromatic solvents	
Armid® DM810	Liquid	C8-10 dimethyl amide	100%	0.5%	NA	NA	NA	NA	NA	NA	Dispersible	Soluble	EC, EW	Oil soluble	Replace NMP and aromatic solvents	

EC = Emulsifiable concentrate, EW = Emulsion, oil in water, FS = Flowable concentrate for seed treatment, ME = Microemulsions, OD = Oil dispersions, SC = Suspension concentrate, SE = Suspoemulsions, SL = Soluble liquid, TM = Tankmix, WDG = Water dispersible granule, WP = Wetttable powder, WSG = Water soluble granule

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Nouryon

Nouryon is a global, specialty chemicals leader. Markets and consumers worldwide rely on our essential solutions to manufacture everyday products, such as personal care, cleaning goods, paints and coatings, agriculture and food, pharmaceuticals, and building products. Furthermore, the dedication of more than 7,900 employees with a shared commitment to our customers, business growth, safety, sustainability and innovation has resulted in a consistently strong financial performance. We operate in over 80 countries around the world with a portfolio of industry-leading brands. Visit our website and follow us @Nouryon and on LinkedIn.

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