

Nouryon

Ask us for your solutions



Agricultural solution - Product portfolio Europe



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 | 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 | Water | Veg oil | Application area | Function | Prime use | |
| ADJUVANTS | | | | | | | | | | | | | | | |
| Adsee™ 900 | Liquid | Fatty alcohol ethoxylate | 90% | 10% | 5-7 | 1.0 | 26 | 41 | 5 sec | Soluble | Dispersible | TM | Penetrant, wetter | Fungicides, SU's, hydrophobic actives | |
| Adsee™ 907 | Liquid | Tallow amine ethoxylate blend | 96% | 4% | 9-11.5 | 0.062 | 39.5 | 71 | >10 min | Soluble | Insoluble | SL | Penetrant | IPA Glyphosate 360 | |
| Adsee™ 973 | Liquid | Alcohol alkoxylate blend | 100% | 1% | 6-8 | 0.007 | 39 | 68 | >5 min | Soluble | Soluble | SL, SC, SE, TM | Penetrant, humectancy | SU's and Hydrophilic actives, fast uptake | |
| Adsee™ 978 | Viscous liquid | Alcohol block copolymer | 100% | 0.2% | 5-7 | | 37 | 63 | >5 min | Soluble | Insoluble | TankMix | Wetter, rewetter | Peat and turf | |
| Adsee™ AB 615 | Liquid | Oleyl alkoxylated amine | 100% | 1% | | 0.01 | 33 | 51 | 24 sec | Soluble | Insoluble | SL, SC, SE, TM | Penetrant, retention | Multipurpose | |
| Adsee™ C80W | Liquid | Cocoamine propyl amide | 87% | 13% | 9-10 | 0.02 | 27 | 41 | 5 min | Soluble | Dispersible | SL, WDG | Penetrant, compatibilizer | K Glyphosate 540, herbicide mixtures | |
| Adsee™ PE410A | Liquid | Phosphate ester blend, acid | 70% | 30% | 1-2 | | 33 | 83 | >5 min | Soluble | Soluble | SL | Penetrant, | K Glyphosate 540, herbicide mixtures | |
| Ethomeen® C/15 | Liquid | Coco amine ethoxylate | 100% | 1% | 11 | 0.04 | 29 | 47 | 40 sec | Soluble | Soluble | SL | Penetrant | Glyphosate in general | |
| Ethomeen® C/25 | Liquid | Coco amine ethoxylate | 100% | 1% | 6-9 | 41 | 38 | 71 | >10 min | Soluble | Insoluble | SL | Penetrant | Herbicides | |
| Ethomeen® T/25 | Liquid | Tallow amine ethoxylate 15 | 100% | 1% | 9-11 | 0.03 | 39 | 71 | >10 min | Soluble | Partly soluble | SL | Penetrant | IPA Glyphosate 360, SU's | |
| Ethomeen® HT/60 | Solid | Tallow amine ethoxylate 50 | 100% | 1% | 9-11 | NA | 47 | 71 | >10 min | Soluble | Insoluble | WDG | Penetrant | NH4 Glyphosate, dry formulation | |
| Ethylan® 995 | Liquid | Fatty alcohol alkoxylate | 100% | 1% | 5-6 | >50 | 31 | 41 | 51 sec | Soluble | Soluble | SC, SE | Penetrant | Fungicides, reduce drift | |
| DISPERSANTS | | | | | | | | | | | | | | | |
| Agrilan® 1028 | Liquid | Alcohol ethoxylate phosphate ester | | 1% | 2-3 | 0.54 | 25 | 36 | 45 sec | 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 | Soluble | Dispersible | SC, SE, OD | Dispersant, emulsifier, stabiliser | High performance SC stabiliser | |
| Agrilan® 789 Dry | White powder | Polyacrylate copolymer | 95% | 5% | 7-9 | 3.0 | 42 | 92 | >5 min | 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 | Soluble | Insoluble | SC, SE | Wetter | Versatile, standard co-dispersant for SC with Morwet D-425 Powder | |
| Morwet® D-400 Powder | Brown powder | Naphthalene sulphonate condensate | 72.5% | 3% | 7.5-10 | >25 | 60 | 83 | >5 min | Soluble | Insoluble | SC, WDG, WSG, WP | Dispersant, milling aid | Cost effective alternative for Morwet D-425 Powder | |
| Morwet® D-425 Powder | Brown powder | Naphthalene sulphonate condensate | 88% | 4% | 7.5-10 | >25 | 60 | 85 | >5 min | Soluble | Insoluble | SC, WDG, WSG, WP | Dispersant, milling aid | Robust, universal, reliable performance | |
| Morwet® D-500 Powder | Brown powder | Naphthalene sulphonate blend | 98% | 2% | 7.5-10 | >25 | 43 | | >5 min | Soluble | Insoluble | SC, WDG, WSG, WP | Dispersant, milling aid, wetting | Complete robust solution | |
| Morwet® D-809 Powder | Brown powder | Naphthalene sulphonate condensate | 88% | 4% | 7.5-10 | >25 | 63 | 86 | >5 min | Soluble | Insoluble | SC, WDG, WSG, WP | Dispersant, milling aid | Premium, hard water tolerant | |
| WETTING AGENTS | | | | | | | | | | | | | | | |
| Adsee™ 900 | Liquid | Fatty alcohol ethoxylate | 90% | 10% | 5-7 | 1.0 | 26 | 41 | 5 sec | Soluble | Dispersible | SC, SL, TM | Wetter, penetrant | Fungicides, SU's, hydrophobic actives | |
| Lankropol® KPH70 | Liquid | Diocetyl sulfosuccinate in mpg/water | 70% | 11% | 5-8 | 1.6 | 34 | 35 | 4 sec | Opaque sol | Insoluble | EW, ME, EC, EW, ME | Wetter | Extra fast, no colour | |
| Morwet® EFW Powder | Brown powder | Naphthalene sulphonate blend | 95% | 2% | 7.5-10 | 6.0 | 32 | 65 | 17 sec | 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 | Soluble | Insoluble | SC, WDG, WSG, WP | Wetter | Low foam | |
| EMULSIFIERS | | | | | | | | | | | | | | | |
| Berol® 829 | Liquid | Castor oil ethoxylate 20 | 100% | 1% | 5.5-7.5 | 0.11 | 40 | 72 | >10 min | Dispersible | Soluble | EC, EW, ME | Emulsifier | Combine with anionic emulsifier | |
| Berol® 904 | Liquid / paste | Castor oil ethoxylate 36 | 100% | 0.3% | 6-7.5 | 0.29 | 41 | 73 | >10 min | Soluble | Soluble | EC, EW, ME | Emulsifier | Combine with anionic emulsifier | |
| Ethylan® 954 | Solid | Alcohol ethoxylate | 100% | 0.3% | 5-7 | 0.04 | 44 | 78 | >10 min | Soluble | Insoluble | EC, SC | Emulsifier, penetrant | Aromatic solvents | |
| Ethylan® 954 LQ | Liquid | Alcohol akoxylate | 100% | 0.3% | 5-7 | 0.005 | 38 | 65 | >5 min | Soluble | Soluble | EC | Emulsifier, penetrant | Aromatic, Armid DM solvents | |
| Ethylan® 992 | Paste | Alcohol akoxylate | 100% | 0.3% | 5-7 | 0.4 | 34 | 58 | 26 sec | Soluble | Soluble | EC | Emulsifier | Aromatic solvents, Dimethoate | |
| Ethylan® NS-500LQ | Viscous liquid | Alcohol block copolymer | 100% | 0.2% | 6.5-7.5 | 0.2 | 36 | 62 | 163 sec | Soluble | Insoluble | EC, EW | Emulsifier, stabiliser | Aromatic and Armid DM solvents, spontaneity enhancer | |
| Witconate® P-1460EH | Liquid | Linear DDBS, amine salt, in 2-EH | 60% | 0.8% | 5-7 | NA | NA | NA | NA | Dispersible | Insoluble | EC, EW, ME, OD | Emulsifier | Aromatic and Armid DM solvents | |
| EMULSIFIER BLENDS | | | | | | | | | | | | | | | |
| Berol® 9927 | Liquid / paste | Nonionic / anionic blend | 100% | 0.5% | 5-7 | NA | 30 | 44 | 10 sec | Soluble | Soluble | EC | Emulsifier blend | Emulsifiers optimized for EC's based on aromatic solvents. Combining these products in pairs will result in stable EC's with excellent emulsification performance. Guide recipes available upon request. | |
| Berol® 9960 | Paste | Nonionic / anionic blend | 100% | 0.5% | 5-7 | NA | 31 | 49 | 21 sec | Soluble | Dispersible | EC | Emulsifier blend | | |
| Berol® 9968 | Liquid | Nonionic / anionic blend | 100% | 0.5% | 5-7 | NA | 28 | 37 | 8 sec | Dispersible | Soluble | EC | Emulsifier blend | | |
| Berol® 9969 | Paste | Nonionic / anionic blend | 100% | 0.5% | 5-7 | NA | 29 | 40 | 13 sec | Soluble | Dispersible | EC | Emulsifier blend | | |
| SOLVENTS and OTHERS | | | | | | | | | | | | | | | |
| Adsee™ ST4 | Liquid | Maltodextrin/vinylpyrrolidone polymer | 24% | 76% | 4-6 | NA | NA | NA | NA | Soluble | Insoluble | FS | Binder | Reduce dust-off, improve flowability | |
| Armid® DM10 | Liquid | C10 dimethyl amide | 100% | 0.5% | 4-7 | 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 | Dispersible | Soluble | EC, EW | Oil soluble | Replace NMP and aromatic solvents | |
| Armid® FMPC | Liquid | Morpholine derivative | 100% | 0.5% | NA | NA | NA | NA | NA | Soluble | Soluble | EC, EW, SL | Water soluble, co-solvent | NMP replacer, soluble in most 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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We operate in over 80 countries around the world and is a leading supplier of specialty surfactants, polymers and solvents. Our agrochemical portfolio of industry-leading brands includes Morwets® (wetting agents and dispersants), Adsee™ adjuvants, Agrilan® dispersants, Armid® solvents, Ethylan® and Ethomeen® (alcohol and amine alkoxylates).

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