

DRY EYE

Dry eye product guide 2018

This week **Caroline Christie** presents an up-to-date guide, listing the currently available dry eye management preparations in the UK

Product Name	Lubricant	Preservative	Size	Suitable for CLs	Company	Notes	Dynamic Viscosity cPs	Osmolarity mOsm/kg
Artelac Rebalance	Sodium hyaluronate 0.15%, Polyethylene Glycol 8000 0.5% + Vit B12	Oxyd~	10ml	✓	Bausch & Lomb	Aqueous/general deficiency mild	2	250-300
Artelac Nighttime Gel*	Carbomer 0.2%	Cetrimide	10g		Bausch & Lomb	Aqueous/mucous deficiency, more severe dry eye, day or night use	Not applicable	Not applicable
Biotrue Rewetting Drops	Sodium hyaluronate 0.24%	None	10ml	✓	Bausch & Lomb	Aqueous/general deficiency, contact lens wearers	Not supplied	Not supplied
Biotrue Rewetting Drops Single Dose	Sodium hyaluronate 0.2%	None	30 x 0.5ml	✓	Bausch & Lomb	Aqueous/general deficiency, contact lens wearers	Not supplied	Not supplied
Blink Contacts Eye Drops Multi-Dose	Sodium hyaluronate 0.15%	OcuPure~ 0.005%	10ml	✓	Johnson & Johnson Vision	Aqueous/general deficiency, contact lens wearers	6	280
Blink Contacts Eye Drops Unit Dose	Sodium hyaluronate 0.15%	None	20 x 0.35ml	✓	Johnson & Johnson Vision	Aqueous/general deficiency, contact lens wearers	5.5	267
Blink Intensive Tears Unit Dose	Sodium hyaluronate 0.2% + Polyethylene Glycol 400 0.25%	None	20 x 0.35ml	#	Johnson & Johnson Vision	Aqueous/general deficiency, moderate	12.2	174
Blink Intensive Tears Multi Dose	Sodium hyaluronate 0.2% + Polyethylene Glycol 400 0.25%	OcuPure~ 0.005%	10ml	#	Johnson & Johnson Vision	Aqueous/general deficiency, moderate	12	175
Blink Intensive Tears PLUS	Sodium hyaluronate 0.38% + Polyethylene Glycol 400 0.25%	OcuPure~ 0.005%	10ml		Johnson & Johnson Vision	Aqueous/mucous deficiency, more severe dry eye, day or night use	50	170
Blink Intensive Triple Action	Liposomes 5%, Sodium hyaluronate 0.38%, Polyethylene Glycol 400 0.25% + Vitamin E polyethylene glycol succinate (TGPS)	Polyhexanide-methyl biguanide	10ml	#	Johnson & Johnson Vision	Triple action formula including lipid enhancement (shake before use)	Not supplied	300
Blink Refreshing Unit Dose	Polyvinyl alcohol 1.4%	None	20 x 0.35ml	✓	Johnson & Johnson Vision	Eye mist for mild dry eye irritation	3.5	300
Blink Refreshing Eye Drops (Multi Dose)	Polyvinyl alcohol 1.4%	OcuPure~ 0.005%	10ml	✓	Johnson & Johnson Vision	Aqueous/general deficiency mild	3.5	300
Blink Refreshing Eye Mist	Sodium hyaluronate 0.005%	Polyhexanide-methyl biguanide	10ml	✓	Johnson & Johnson Vision	Eye mist for mild dry eye irritation	Not applicable	300
Celluvisc 0.5%	Carmellose sodium 0.5%	None	30 x 0.4ml		Allergan	Aqueous/general deficiency, mild to moderate	3.5	290
Celluvisc 1%	Carmellose sodium 1%	None	30 x 0.4ml		Allergan	Aqueous/mucous deficiency, more severe dry eye, day or night use	30-40	295
Clinitas Hydrate Gel*	Carbomer 980 0.2%	Cetrimide	10g		Altacor	Aqueous/mucous deficiency, more severe dry eye, day or night use	Not applicable	Not applicable
Clinitas Soothe	Sodium hyaluronate 0.4%	None	20 x 0.50ml	✓	Altacor	Aqueous/general deficiency	40-70	275-297
Clinitas Soothe Multi	Sodium hyaluronate 0.4%	None	10ml	✓	Altacor	Aqueous/general deficiency	40-70	275-297
Comfort Drops	Hypromellose 0.18%	Polyhexanide	15ml	✓	Coopervision	Aqueous/general deficiency mild	Not supplied	Not supplied

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Emustil	Soybean Oil 7% + Natural phospholipids 3%	None	20 x 0.3ml	#	Rayner Pharmaceutical	Dry eye associated with meibomian gland dysfunction	Not applicable	260-330
Eye Logic Eye Drops	Sodium hyaluronate 0.1%	None	10ml	✓	Savant	Aqueous/general deficiency, mild to moderate	Not supplied	Not supplied
Eye Logic Spray**	Soy lecithin 1.0%, Ethanol 0.8% + Vit A & E	Phenoxy-ethanol 0.5%	10ml	✓	Savant	Lipid instability	Not applicable	Not applicable
Hyabak	Sodium hyaluronate 0.15%	None	10ml	✓	Thea Pharmaceutical	Aqueous/general deficiency, mild to moderate	2.5	205
Hyabak Unidose	Sodium hyaluronate 0.15%	None	30 x 0.4ml	✓	Thea Pharmaceutical	Aqueous/general deficiency, mild to moderate	2.5	205
Hycosan	Sodium hyaluronate 0.1%	None	7.5ml	✓	Scope Ophthalmics	Aqueous/general deficiency, mild to moderate	8	240-290
Hycosan Dual	Sodium hyaluronate 0.05% + Ectoin 2%	None	7.5ml	✓	Scope Ophthalmics	Triple action formula including lipid enhancement	10	250-305
Hycosan Extra	Sodium hyaluronate 0.2%	None	7.5ml	✓	Scope Ophthalmics	Aqueous/general deficiency, moderate to severe	30-50	240-290
Hycosan Fresh	Sodium hyaluronate 0.03% + Euphrasia	None	7.5ml	✓	Scope Ophthalmics	Lipid Deficient Dry Eye/ Allergy Related Dry Eye	4	260-290
Hycosan Plus	Sodium hyaluronate 0.1% + Dexpanthenol (VitB5) 2%	None	7.5ml	✓	Scope Ophthalmics	Aqueous/general deficiency, potential corneal damage	10	240-290
Hycosan Night	Light liquid paraffin + Vitamin A	None	5g		Scope Ophthalmics	Ointment for more severe dry eye, day or night use	Not applicable	Not applicable
HydraMed	Sodium hyaluronate 0.2% + Tamarind Seed Polysaccharide 0.2%	None	10ml	✓	Farmigea Ophthalmics	Aqueous/general deficiency, mild to moderate	30	270-300
HydraMed Unit Dose	Sodium hyaluronate 0.2% + Tamarind Seed Polysaccharide 0.2%	None	30 x 0.5ml	✓	Farmigea Ophthalmics	Aqueous/general deficiency, mild to moderate	30	270-300
HydraMed Night	Light liquid paraffin, Vitamin A, Chamomile + Calendula	None	5g		Farmigea Ophthalmics	Ointment for more severe dry eye, day or night use	Not applicable	Not applicable
Hydromoor	Hypromellose 0.3%	None	30 x 0.4ml	✓	Rayner Pharmaceuticals	Aqueous/general deficiency mild	7.23 - 9.78	260 to 320
LacriFresh Comfort Drops	Povidone 1%	Polyhexanide 0.0001%	15ml	✓	Avizor	Aqueous/general deficiency mild	2.5 - 8	280-320
LacriFresh Moisture Drops	Sodium hyaluronate 0.1%	Polyhexanide 0.0001%	15ml	✓	Avizor	Aqueous/general deficiency mild	2.5 - 8	280-320
LacriFresh Moisture Unidose	Sodium hyaluronate 0.1%	None	20 x 0.4ml	✓	Avizor	Aqueous/general deficiency mild	2.5 - 8	280-320
LacriFresh Ocu-Dry Unidose 0.2%	Sodium hyaluronate 0.2%, Glycerol + Polyvinylpyrrolidone 90	None	20 x 0.4ml	✓	Avizor	Aqueous/general deficiency, mild to moderate	17-20	200
LacriFresh Ocu-Dry Unidose 0.3%	Sodium hyaluronate 0.3%, Glycerol + Polyvinylpyrrolidone 90	None	20 x 0.4ml	#	Avizor	Aqueous/general deficiency, moderate to severe	50-52	150
Lacrilube*	White soft paraffin, mineral oil + lanolin	None	3.5g/ 5g		Allergan	Ointment for more severe dry eye, day or night use	Not applicable	Not applicable
Lubristil	Sodium hyaluronate 0.15%	None	20 x 0.3ml	✓	Rayner Pharmaceuticals	Aqueous/general deficiency, mild to moderate	7.23 - 9.78	200-250
Lubristil Gel*	Sodium hyaluronate 0.15% + Xanthan gum 1%	None	20 x 0.4ml		Rayner Pharmaceuticals	Aqueous/general deficiency, moderate to severe	25	200-250
Lumicare Advanced Carmellose	Carboxymethylcellulose 0.5%	Oxychloro~	10ml	✓	Medicom Healthcare	Aqueous/general deficiency, mild to moderate	Not supplied	270-350
Lumicare Singles Carmellose	Carboxymethylcellulose 0.5%	None	30 x 0.4ml	✓	Medicom Healthcare	Aqueous/general deficiency, mild to moderate	1-10	270-350

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Lumicare Carbomer Gel*	Carbomer 0.2%	Cetrimide	10g		Medicom Healthcare	More severe dry eye, day or night use	Not applicable	225-275
Lumicare Hypermellose	Hypromellose	Benzalkonium Chloride (BAK)	10ml		Medicom Healthcare	Aqueous/general deficiency mild	Not supplied	Not supplied
Lumicare Singles Hypermellose	Hypromellose	None	30 x 0.5ml	✓	Medicom Healthcare	Aqueous/general deficiency mild	Not supplied	Not supplied
Optive	Carboxymethylcellulose 0.5%, Glycerin 0.9% + Erythritol	Purite~ 0.1%	10ml	✓	Allergan	Aqueous/general deficiency, mild to moderate	15	335
Optive Fusion	Carboxymethylcellulose 0.5%, Glycerin 0.9% , Sodium hyaluronic 0.1% + Erythritol	Purite~ 0.1%	10ml	✓	Allergan	Aqueous/general deficiency, moderate to severe	Not supplied	270
Optive Plus**	Carboxymethylcellulose 0.5%, Erythritol, Glycerin 0.9%, Erythritol, Polysorbate 80 + Castor oil	Purite~ 0.1%	10ml	#	Allergan	Triple action formula including lipid enhancement	Not supplied	Not supplied
Optrex Actimist 2 in 1** Dry + Irritated Eye Spray	Soy lecithin 1.0%, Ethanol 0.8% + Vit A & E	Phenoxyethanol 0.5%	10ml	✓	Reckitt Benckiser	Lipid instability	Not applicable	Not applicable
Optrex Actimist 2 in 1** Tired + Uncomfortable Eye Spray	Soy lecithin 1.0%, ethanol 0.8%, vitamin A & E, pro-vitamin B5 (dexpantenol)	Phenoxyethanol 0.5%	10ml	✓	Reckitt Benckiser	Lipid instability	Not applicable	Not applicable
Optrex Contact Lens Eye Drops	Sodium hyaluronate 0.15%	Oxyd~	10ml	✓	Reckitt Benckiser	Aqueous/mucous deficiency mild	Not supplied	Not supplied
Ote Natural	Sodium hyaluronate 0.1%	None	10ml	✓	Ote	Aqueous/general deficiency, mild to moderate	15.8	Not supplied
Ote Vitamin	Hypromellose 0.3%, Dexpanthenol (VitB5) 2% + Hydralflex 0.5%	Polyhexanide	10ml		Ote	Aqueous/general deficiency, moderate to severe	Not supplied	310
PF Carmellose Sodium 0.5%	Carboxymethylcellulose 0.5%	None	10ml	✓	Rayner Pharmaceutical	Aqueous/general deficiency, mild to moderate	3-20	250-300
PF Carmellose Sodium 1%	Carboxymethylcellulose 1%	None	10ml	✓	Rayner Pharmaceutical	Aqueous/general deficiency, moderate to severe	10-40	250-300
PF Hypermellose 0.3% Eye Drops	Hypromellose 0.3%	None	10ml	✓	Rayner Pharmaceutical	Aqueous/mucous deficiency mild	7.23 - 9.78	280 to 320
Refresh Contacts	Carboxymethylcellulose 0.5%	None	30 x 0.4ml	✓	Allergan	Aqueous/general deficiency mild	3.5	290
Refresh Soothe & Protect	Sodium carboxymethylcellulose 0.5%	None	20 x 0.4ml	✓	Allergan	Aqueous/mucous deficiency mild	3.5	290
Remogen Omega	Essential Fatty Acids (EFA), 0.02% Eicosapent-aeonic Acid, 0.002% Docosahexaenoic Acid Vitamin E + Glycerol	None	20 x 0.25ml	✓	TRB Chemedica	Lipid enhancement & stability	>75	130-170
Reset Dual Action Lensdrops	Carboxymethylcellulose 0.8% + Pluronic 0.5%	OxyChlorite~	10ml	✓	Advanced Eyecare Research	Aqueous/mucous deficiency mild + cleaning action of CL in eye	Not supplied	Not supplied
Systane ◊	Hydroxypropyl Guar, Polyethylene glycol 400 0.4% + Propylene glycol 0.3%	Polyquad 0.001%	10ml	✓	Alcon	Aqueous/mucous deficiency mild	6-15	270-330
Systane Unit Dose ◊	Hydroxypropyl Guar, Polyethylene glycol 400 0.4% + Propylene glycol 0.3%	None	28 x 0.8ml	✓	Alcon	Aqueous/mucous deficiency mild	6-15	275-295
Systane Balance◊	Hydroxypropyl Guar, Propylene Glycol 0.3%, Sorbitol + LipiTech System	Polyquad 0.001%	10ml	#	Alcon	Dry eye associated with meibomian gland dysfunction	1-10	250-330
Systane Gel Drops◊*	Hydroxypropyl Guar, Polyethylene glycol 400 0.4%, Propylene glycol 0.3% + Sorbitol	Polyquad 0.001%	10ml	#	Alcon	More severe dry eye, day or night use	Not supplied	250-340

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Systane Hydration◇	Hydroxypropyl Guar, Sodium hyaluronate, Polyethylene Glycol (PEG400), Propylene Glycol	Polyquad 0.001%	10ml	✓	Alcon	Aqueous/general deficiency, mild to moderate	Not supplied	Not supplied
Systane Ultra ◇	Hydroxypropyl Guar, Polyethylene glycol 400 0.4%, Propylene glycol 0.3% + Sorbitol	Polyquad 0.001%	10ml	✓	Alcon	Aqueous/mucous deficiency moderate	6-20	260-330
Systane Ultra Unit Dose ◇	Hydroxypropyl Guar, Polyethylene glycol 400 0.4%, Propylene glycol 0.3% + Sorbitol	None	30 x 0.7ml	✓	Alcon	Aqueous/mucous deficiency moderate	9-15	265-290
Thealoz	Trehalose 3%	None	10ml	✓	Thea Pharmaceutical	Protection of the ocular surface, mild to moderate dry eye	2.5	310
Thealoz Duo	Trehalose 3% + Sodium hyaluronate 0.15%	None	10ml	✓	Thea Pharmaceutical	Acqueous/mucous deficiency + protection lipid layer. Mild to moderate dry eye	3.2	202
Thealoz Duo Unit Dose	Trehalose 3%, Sodium hyaluronate 0.15%	None	30 x 0.4ml	✓	Thea Pharmaceutical	Acqueous/mucous deficiency + protection lipid layer. Mild to moderate dry eye	3.2	202
Thealoz Duo Gel*	Trehalose 3%, Sodium hyaluronate 0.15% + Carbomer 0.25%	None	30 x 0.4g	#	Thea Pharmaceutical	Acqueous/mucous deficiency. Protection of the lipid layer. Moderate to severe dry eye	780	207
Thera-Tears Eye Drops	Carboxymethylcellulose 0.25%	None	24 x 0.6ml	✓	Advanced Vision Research	Aqueous/mucous deficiency, mild to moderate	6.5	181
Thera-Tears Liquid Gel*	Carboxymethylcellulose 1%	None	24 x 0.6ml		Advanced Vision Research	More severe dry eye, day or night use	49	181
Vismed	Sodium hyaluronate 0.18%	None	10ml	✓	TRB Chemedica	Aqueous/mucous deficiency mild	10	150
Vismed Multi	Sodium hyaluronate 0.18%	None	20 x 0.3ml	✓	TRB Chemedica	Aqueous/mucous deficiency mild	10	150
Vismed Gel*	Sodium hyaluronate 0.3%	None	10ml		TRB Chemedica	More severe dry eye, day or night use	30	150
Vismed Gel Multi*	Sodium hyaluronate 0.3%	None	20 x 0.45ml		TRB Chemedica	More severe dry eye, day or night use	30	150
VisuXL	Sodium hyaluronate (cross linked), Coenzyme Q10 (CoQ10) + vitamin E	None	10ml	✓	VISUfarma	Aqueous/mucous deficiency, mild to moderate	Not supplied	Not supplied
VitA-POS	Light liquid paraffin, Retinol palmitate Vit A	None	5g		Scope Ophthalmics	Ointment for more severe dry eye, day or night use	Not applicable	Not applicable
Wet Therapy	Sodium hyaluronate 0.2% + Polyethylene Glycol 0.2%	None	20 x 0.4ml	✓	Advanced Eyecare Research	Aqueous/mucous deficiency, mild to moderate	10	280
Xailin Fresh	Carmellose sodium 0.5%	None	30 x 0.4ml	✓	VISUfarma	Aqueous/general deficiency, mild to moderate	Not supplied	Not supplied
Xailin Gel*	Carbomer 0.2%	Perborate~	10g		VISUfarma	More severe dry eye, day or night use	400-1000	225-275
Xailin HA	Sodium hyaluronate 0.2%	Perborate~	10ml	✓	VISUfarma	Aqueous/general deficiency, mild to moderate	Not supplied	Not supplied
Xailin Hydrate	Hypromellose 0.3%	Perborate~	10ml	✓	VISUfarma	Aqueous/mucous deficiency mild	Not supplied	Not supplied
Xailin Night	Soft paraffin, White mineral oil + Lanolin alcohols	None	5g		VISUfarma	Ointment for more severe dry eye, day or night use	Not applicable	Not applicable

*Not applicable on most thicker gels/ointments **Not applicable on sprays and emulsions ~ Preservative disapates / disappears once in contact with tear film / ocular surface

◇ Alcon Systane range of products: HPGuar ceates a more viscous effect on contact with the tear film # can be used with CL, if approx 15mins left prior to lens insertion