

Multipurpose Solutions (MPS)	NAME	PRESERVATIVE/DISINFECTANTS	OTHER INGREDIENTS	MISC.
	Opti-Free Express (Alcon)	-PolyQuad -Aldox  <u>Chelator:</u> EDTS	<u>Surfactant/Wetting Agent:</u> -Tetronic 1304  <u>Wetting Agent:</u> -Sorbitol	- PolyQuad & Aldox brands unique to Alcon - Retains moisture w/ Tetronic reconditioning system - “no rubbing” for soft CL - <b>traditionally better for HEMA/hydrogel lenses</b>
	Opti-Free Replenish (Alcon)	-PolyQuad -Aldox	<u>Surfactant/Wetting Agent:</u> -TearGlyde (Tetronic 1304/nonanoyl EDTA)  <u>Wetting Agent:</u> - Propylene Glycol	- PolyQuad & Aldox brands unique to Alcon - Retains moisture w/ TearGlyde reconditioning system - “no rubbing” for soft CL - <b>traditionally better for HEMA/hydrogel lenses</b>
	Opti-Free PureMoist (Alcon)	-PolyQuad -Aldox	<u>Surfactant/Wetting Agent:</u> -Tetronic 1304 -HydraGlyde  <u>Wetting Agent:</u> - Sorbitol	- PolyQuad & Aldox brands unique to Alcon - Retains moisture w/ HydraGlyde Moisture Matrix <ul style="list-style-type: none"> <li>This polymer imbeds itself within &amp; on CL surface</li> </ul> - <b>Optimized for SiHy material</b> - Claims effective against <b>acanth trophozoites</b>
	BioTrue (B&L)	- Polyquaternium - Polyaminopropyl biguanide  <u>Chelator:</u> EDTA	<u>Surfactant/Wetting Agent:</u> -Poloxamine  <u>Wetting Agent:</u> -Hyaluronan	-“bio-inspired”. <b>Hyaluronan</b> naturally produced by corneal epithelium and found in tears - Formulated to <b>match pH of tears</b> - Tear lysozymes remain intact which naturally fight off microbes
	ReNu Sensitive (B&L)	-DYMED (polyaminopropyl biguanide)  <u>Chelator:</u> EDTA	<u>Surfactant/Wetting Agent:</u> -Poloxamine	-DYMED = proprietary name by B&L - <b>fewer ingredient, including preservatives</b>
	ReNu Fresh (B&L)	- DYMED (polyaminopropyl biguanide)  <u>Chelator:</u> EDTA	<u>Surfactant/Wetting Agent:</u> -Poloxamine -Hydranate	-DYMED = proprietary name by B&L - <b>more lubrication and cleaning action than Sensitive</b>
	ReNu MoistureLoc (B&L)	-Alexidine (Biguanide) - Polyquaterium	<u>Protein Remover:</u> -Hydranate  <u>MoistureLoc:</u> -Poloaxmer	-better compatibility with silicone hydrogels - <b>NO LONGER ON THE MARKET</b> - <b>outbreak of Fusarium keratitis</b> -mostly due to non-compliance

Acuvue RevitaLens (J&J)	- Polyquad - Alexidine (Biguanide)  <u>Chelator:</u> EDTA	<u>Surfactant/Wetting Agent:</u> -Tetronic 904	- Previously owned by Abbott Medical Optics (AMO) - AMO purchased by Acuvue in 2017 - claims effective against <b>acanth trophozoites</b> - Good option for patients participating in water activities
COMPLETE Moisture Plus (J&J)	-PHMB (Biguanide)  <u>Chelator:</u> -EDTA	<u>Surfactant:</u> Poloxamer 237	-“easy rub” - <b>No moisturizing/wetting agents</b>
ClearCare (Alcon)		<u>Surfactant:</u> -3% hydrogen peroxide  <u>Wetting Agent:</u> - HydraGlyde (ClearCare Plus)	-“one bottle” peroxide system ( <b>oxidative system</b> ) -RED CAP → don’t put in eye -rinse lenses in basket w/ ClearCare for 5 sec, then soak for 6 hours - <b>Platinum disc that neutralizes H<sub>2</sub>O<sub>2</sub></b> → good for 31 uses - <b>soft CLs</b> → do not need to rub (bubbling action will clean) - <b>GPs</b> → need to rub before application; no conditioning action
Unique Ph (Menicon; Japanese)	-Polyquad  <u>Chelator:</u> EDTA		- <b>RGP MPS</b> (good for ortho-k and sclerals too) - <b>adjustable viscosity</b> ▪ changes according to tear chemistry and pH - gels up when it hits the eye
Boston Advance (B&L)	In conditioner: -Chlorhexidine -Polyaminopropyl biguanide -EDTA	<u>Surfactant:</u> -silica gel (abrasive)  <u>Conditioner wetting agents:</u> -Polyethylene glycol -PVA -Cellulose derivative	- <b>2 bottle system:</b> disinfecting/cleaning and conditioning - <b>cleaner is abrasive; not good for softer, high Dk lenses, or HydraPEG coating</b> -rub w/ cleaner 20 sec, rinse w/ GP saline, place lenses in case w/ conditioner, rinse w/ conditioner again before applying to eye - <b>conditioner is very viscous for lens surface wettability</b>
Boston Simplus (B&L)	-Chlorhexidine -Polyaminopropyl biguanide	<u>Surfactant</u> -Poloxamine  <u>Wetting agent:</u> -Hydroxypropylmethly cellulose	- <b>RGP MPS</b> (no addl cleaner/saline necessary) - <b>digitally clean after soaking w/ Simplus</b> -for orthok lenses, wait ~10 min before sleeping to prevent keratitis from extended corneal exposure to chlorhexidine - <b>good for protein removal &amp; lenses w/ HydraPEG</b> -do not use for soft CL

	Optimum (Lobob)	-Benzyl alcohol  <u>Chelating agent:</u> EDTA		- <b>Non-abrasive &amp; non-preserved MPS for GPs</b> - Cleaning, Disinfection, and Storage Solution - Optimum Extra Strength Cleaner: weekly or PRN - <b>CANT PUT IN EYE or use w/ soft CL</b> - Must rinse w/ saline, then apply condition w/ Optimum Rewetting Drops before insertion -Great system for <b>lipid depositors and allergies</b>
	Boston 1-step liquid enzymatic cleaner (B&L)			- <b>Weekly product for GPs</b> - First clean by rubbing GP w/ Boston Advance. Two drops in each CL well while lenses sit in conditioning solution. <b>Soak for minimum 4 hours</b> - <b>MUST</b> rub and rinse lenses w/ conditioner prior to insertion
	Tangible Clean	-Polyhexanide (biguanide)  <u>Chelating Agent:</u> EDTA	<u>Surfactant/Wetting Agent:</u> -Poloxamine	- <b>RGP/Hybrid MPS</b> - <b>Clean, rinse, disinfect, store</b> - Works well with Tangible HydraPEG coating on RGPs and Hybrids

	NAME	INGREDIENTS	MISC.
<b>ENZYME CLEANERS</b>	Ultrazyme (J&J)	-Subtilisin A enzymatic tablet	-weekly product for <b>soft</b> lenses -made to <b>use with 3% Hydrogen Peroxide systems</b> -one <b>tablet</b> placed in solution with the basket - <b>MUST</b> rinse lenses prior to insertion (with saline)
	Boston 1-Step Liquid Enzymatic Cleaner (B&L)	-Subtilisin A	-weekly product for <b>GPs</b> - <b>two drops in each CL case well filled with Boston Conditioner</b> - <b>Minimum 4 hour soak</b> - <b>MUST</b> rinse lenses prior to insertion
	Progent (Menicon; Japan)	-bottle A: bleach (NaCl) -bottle B: KBr -bottle C: saline	-3 bottles: bottle A, bottle B, and saline - <b>GP biweekly</b> cleaner -mix bottle A and B together -recommend every month for GPs -not technically an “enzyme” cleaner, but works well

REWETTING DROPS	NAME	INGREDIENT	MISC.
	Blink-n-Clean (AMO)	-Sodium Hyaluronate	-CRITICAL FOR CL SUCCESS! -if your patient is wearing GPs → BOSTON IS BEST! (PVA clings to material well)
	Opti-Free (Alcon)	-Polyethylene Glycol (PEG)	
	ReNu MultiPlus (B&L)	-Povidone	
	<b>Boston Rewetting Drops (B&amp;L)</b>	<b>-Polyvinyl Alcohol (PVA)</b>	
	Refresh Contacts	-Carboxymethylcellulose (CMC) -Purite preservative	

SALINE SOLUTIONS	NAME	MISC.
	NutriFill	<b>-Newest FDA approved non-preserved saline</b> <b>-5 essential electrolytes and pH balance that mimics tears</b> -Great option for dry eyes - Uses: rinse soft or GP lenses; scleral insertion solution
	ScleralFil	-Non-preserved saline - Uses: rinse soft or GP lenses; scleral insertion solution -buffered to maintain pH
	Purilens	-Non-preserved saline <b>-Bottle → increased risk of contamination</b> <b>-Non-preserved VIALS available also</b>
	Lacripure	<b>-FDA approval for scleral lenses</b> -Uses: Rinse soft or GP lenses; scleral insertion solution
	Inhalation Saline Vials (AddiPak)	-Used for <b>asthma patients</b> (mixed with medication) -Not approved for sclerals (off-label), but still works great & is cheap <b>-Difficult to find now</b>