

Formulate high-performance laundry care products with ingredients offered by Barentz. From traditional to eco-friendly laundry detergents to laundry pods and fabric softeners, our team can help you choose the most effective solutions for your products.

# Ingredients for Better Laundry Products



## DYES & FRAGRANCES

Product	Chemistry	Features & Benefits	End Use Laundry Applications
<b>Wide range of colorants</b>	Dyes	Liquid and powder colorants Applicable for broad ranges of pH and lightfastness FD&C and D&C dyes	<ul style="list-style-type: none"> <li>• Bleaches and boosters</li> <li>• Fabric softeners</li> <li>• Liquid detergents</li> <li>• Powder/bar/pod detergents</li> <li>• Pretreat stain removers</li> </ul>
<b>Wide range of fragrances &amp; custom scents</b>	Fragrance compositions	Natural, organic or synthetic compositions Water and oil soluble fragrances	<ul style="list-style-type: none"> <li>• Bleaches and boosters</li> <li>• Fabric softeners</li> <li>• Liquid detergents</li> <li>• Odor control</li> <li>• Powder/bar/pod detergents</li> <li>• Pretreat stain removers</li> </ul>

## ENZYMES

Product	Chemistry	Features & Benefits	End Use Laundry Applications
<b>*Lavergy® C Bright 100 L</b>	Cellulase	Easy to formulate in all types of liquid laundry detergents Optimum performance in pH range 6-9 Strong anti-graying performance at low temperature on cotton Works perfectly in combination with Lavergy® Protease types	<ul style="list-style-type: none"> <li>• Liquid detergents</li> <li>• Powder/bar/pod detergents</li> <li>• Pretreat stain removers</li> </ul>
<b>*Lavergy® Pro 106 L</b>	Protease	Easy to formulate in all types of liquid laundry detergents Optimum performance in pH range 6-9 Strong performance on egg, blood, milk and grass stains Works perfectly across wide range of temperatures	<ul style="list-style-type: none"> <li>• Liquid detergents</li> <li>• Powder/bar/pod detergents</li> <li>• Pretreat stain removers</li> </ul>
<b>*Lavergy® Pro 114 LS</b>	Protease	Proprietary non-boron stabilized protease Easy to formulate in all types of liquid laundry detergents Optimum performance in pH range 6-9 Strong performance on egg, blood, milk and grass stains Works perfectly across wide range of temperatures	<ul style="list-style-type: none"> <li>• Liquid detergents</li> <li>• Powder/bar/pod detergents</li> <li>• Pretreat stain removers</li> </ul>

## ODOR ABSORBERS

Product	Chemistry	Features & Benefits	End Use Laundry Application
<b>Flexisorb™ OD-120ZnR</b>	Zinc ricinoleate	Concentrated chelate-free zinc ricinoleate dispersion 20% zinc salt actives Renewably sourced material with 63% bio-based content Derived from castor oil	<ul style="list-style-type: none"> <li>• Bleaches and boosters</li> <li>• Fabric softeners</li> <li>• Liquid detergents</li> <li>• Odor Control</li> <li>• Powder/bar/pod detergents</li> <li>• Pretreat stain removers</li> </ul>
<b>Flexisorb™ OD-202</b>	Zinc ricinoleate	Soft surface stain & resoil resist zinc ricinoleate dispersion 5% zinc salt actives Use as stand alone odor control agent Use as an additive in cleaning formulations	<ul style="list-style-type: none"> <li>• Bleaches and boosters</li> <li>• Fabric softeners</li> <li>• Liquid detergents</li> <li>• Odor Control</li> <li>• Powder/bar/pod detergents</li> <li>• Pretreat stain removers</li> </ul>
<b>Flexisorb™ OD-300</b>	Zinc ricinoleate	Readily emulsifiable zinc ricinoleate dispersion 30% zinc salt actives Dispersible in water Forms a micro-emulsion in neutral to slightly alkaline solutions	<ul style="list-style-type: none"> <li>• Bleaches and boosters</li> <li>• Fabric softeners</li> <li>• Liquid detergents</li> <li>• Odor Control</li> <li>• Powder/bar/pod detergents</li> <li>• Pretreat stain removers</li> </ul>

## OPTICAL BRIGHTENERS

Product	Chemistry	Features & Benefits	End Use Laundry Application
<b>Sorawhite® CBS-X</b>	Distyryl derivative	Soluble in water As much as 2.7 times brightened effect on cotton cloth Good optical blue color and dissolved dispersion Extremely stable & bleaching-resistant	<ul style="list-style-type: none"> <li>• Bleaches and boosters</li> <li>• Liquid detergents</li> <li>• Powder/bar/pod detergents</li> <li>• Pretreat stain removers</li> </ul>

## POLYMERS

Product	Chemistry	Features & Benefits	End Use Laundry Application
<b>E-Cryl® 11</b>	Emulsion polymer	Opacifier, compatible with mid-range pH systems Compatible with most anionic and nonionic systems Highly biodegradable	<ul style="list-style-type: none"> <li>• Boosters</li> <li>• Liquid detergents</li> <li>• Pods (liquid forms)</li> <li>• Pretreat stain removers</li> </ul>
<b>E-Cryl® 8145</b>	Partially neutralized sodium polyacrylate	Water soluble, anionic, phosphorous-free detergent polymer Sequestrant, dispersant, deflocculant and rheology modifier Can be used in medium to high alkaline formulations Effective at slowing build-up of fats and proteins on soft surfaces	<ul style="list-style-type: none"> <li>• Bleaches and boosters</li> <li>• Liquid detergents</li> <li>• Powder/bar/pod detergents</li> <li>• Pretreat stain removers</li> </ul>
<b>E-Cryl® 8245N</b>	Fully neutralized sodium polyacrylate	Phosphorous-free, liquid detergent polymer Excels at the inhibition of crystal growth Improves dispersion of precipitates Effective at slowing build-up of fats and proteins on soft surfaces	<ul style="list-style-type: none"> <li>• Bleaches and boosters</li> <li>• Liquid detergents</li> <li>• Powder/bar/pod detergents</li> <li>• Pretreat stain remover</li> </ul>
<b>E-Cryl® 8745ND</b>	Fully neutralized sodium polyacrylate (powder)	Powder detergent polymer Inhibits crystal growth Improves the dispersion of precipitates Increases bleach stability in chlorinated formulations	<ul style="list-style-type: none"> <li>• Bleaches and boosters</li> <li>• Liquid detergents</li> <li>• Powder/bar/pod detergents</li> <li>• Pretreat stain remover</li> </ul>

## POLYMERS

Product	Chemistry	Features & Benefits	End Use Laundry Application
<b>Flexisperse™ 1000</b>	Partially neutralized sodium polyacrylate	Multifunctional, anionic detergent polymer Sequestrant, dispersant, deflocculant and rheology modifier. Miscible with water Average molecular weight (Mw) 10,000-12,000 Effective at slowing build-up of fats and proteins on surfaces	<ul style="list-style-type: none"> <li>• Liquid detergents</li> <li>• Pretreat stain removers</li> <li>• Bleaches and boosters</li> <li>• Powder/bar/pod detergents</li> </ul>
<b>Flexisperse™ 1000N</b>	Fully neutralized sodium polyacrylate	Water soluble, multifunctional, anionic detergent polymer Sequestrant, dispersant, deflocculant and rheology modifier Average molecular weight (Mw) 10,000-12,000 Effective at slowing build-up of fats and proteins on surfaces	<ul style="list-style-type: none"> <li>• Liquid detergents</li> <li>• Pretreat stain removers</li> <li>• Bleaches and boosters</li> <li>• Powder/bar/pod detergents</li> </ul>
<b>Repel-O-Tex® Crystal</b>	Proprietary nonionic polymer (liquid)	70% solids soil release polymer for liquid formula Excellent soil removal properties for all stains Keeps whites whiter by avoiding soil redeposition and greying fabrics	<ul style="list-style-type: none"> <li>• Liquid detergents</li> <li>• Pretreat stain removers</li> <li>• Boosters</li> <li>• Pods (liquid forms)</li> </ul>
<b>Repel-O-Tex® SRP 6</b>	Polyethylene glycol polyester (powder)	99% solids soil release polymer for powdered formula Powerful boost to soil removal for synthetic and mixed fabrics Prevents greasy soil adhesion to polyester fabrics after two washes	<ul style="list-style-type: none"> <li>• Powder detergents</li> <li>• Pretreat stain removers</li> <li>• Boosters</li> <li>• Pods (solid forms)</li> </ul>
<b>Rheozan® BLC</b>	Biological liquid cellulase	Natural liquid polymer derived from bacterial cellulose Easily soluble suspension aid Stable across wide range of pH No impact to viscosity 100% natural and readily biodegradable Can be used to stabilize fragrance capsule or opacifier	<ul style="list-style-type: none"> <li>• Liquid detergents</li> <li>• Pretreat stain removers</li> <li>• Bleaches and boosters</li> <li>• Pod detergents</li> <li>• Fabric softeners</li> </ul>
<b>Sokalan® HP20</b>	Cationic polyethylene imine	Exclusive compatibility with Laverge® enzymes Enables low temperature washing Enhances removal of bleachable stains Supports sustainable claims: 'compaction', 'energy-saving', 'easy-to-use'	<ul style="list-style-type: none"> <li>• Liquid detergents</li> <li>• Pretreat stain removers</li> <li>• Pod detergents</li> </ul>
<b>Sokalan® HP30</b>	Alkoxylated polyethylene imine	Exclusive compatibility with Laverge® enzymes Enables a boost in oily/fatty stain removal at low wash temperatures Prevents redeposition of soil during laundering Supports sustainable claims: 'compaction', 'energy-saving', 'easy-to-use'	<ul style="list-style-type: none"> <li>• Liquid detergents</li> <li>• Pretreat stain removers</li> <li>• Pod detergents</li> </ul>
<b>Spectradet 541</b>	Acrylic co-polymer	Detergent/chelating polymer Compatible with most anionic and nonionic systems. Replacement for NPES, chelating agents and dispersants Easily biodegradable	<ul style="list-style-type: none"> <li>• Liquid detergents</li> <li>• Pretreat stain removers</li> <li>• Bleaches and boosters</li> <li>• Powder/bar/pod detergents</li> <li>• Fabric softeners</li> </ul>

## PRESERVATIVES

Product	Chemistry	Features & Benefits	End Use Laundry Application
<b>Mergal™ 530</b>	2,2-Dibromo-3-nitropropionamide (DBNPA)	Broad spectrum, quick-kill, fast dissipating biocide Best added early in the manufacturing process Formaldehyde free Non-oxidizing	<ul style="list-style-type: none"> <li>• Boosters</li> <li>• Detergent pods</li> <li>• Fabric softener</li> <li>• Liquid detergents</li> <li>• Pretreat stain removers</li> </ul>
<b>TroyGuard™ B20G</b>	Benzisothiazolinone (BIT)	Effective broad-spectrum liquid preservative Inhibits the growth of microorganisms/bacteria in aqueous products Provides long-term preservation Formaldehyde-free Does not contain any halogens	<ul style="list-style-type: none"> <li>• Boosters</li> <li>• Detergent pods</li> <li>• Fabric softener</li> <li>• Liquid detergents</li> <li>• Pretreat stain removers</li> </ul>

## PRESERVATIVES

Product	Chemistry	Features & Benefits	End Use Laundry Application
<b>TroyGuard™ CM1.5</b>	Chloromethylisothiazolinone (CMIT) Methylisothiazolinone (MIT)	Effective broad-spectrum wet-state preservative Prevents deterioration of aqueous systems caused by bacteria In-can preservative best used within pH 3 to 9, with temperatures up to 60°C and with absence of reducing agents	<ul style="list-style-type: none"> <li>Boosters</li> <li>Detergent pods</li> <li>Fabric softener</li> <li>Liquid detergents</li> <li>Pretreat stain removers</li> </ul>
<b>*TroyGuard™ CM1.5 CF</b>	Chloromethylisothiazolinone (CMIT) Methylisothiazolinone (MIT)	Effective broad-spectrum wet-state preservative Prevents deterioration of aqueous systems caused by bacterial and fungal contamination In-can preservative best used within pH 3 to 9, at temperatures up to 60°C and with absence of reducing agents Copper-free	<ul style="list-style-type: none"> <li>Boosters</li> <li>Detergent pods</li> <li>Fabric softener</li> <li>Liquid detergents</li> <li>Pretreat stain removers</li> </ul>

## RHEOLOGY MODIFIERS

Product	Chemistry	Features & Benefits	End Use Laundry Application
<b>Rheoclean® HI 711</b>	Polyurethane based additive	Improves softness, volume and fluffiness in laundered linens For formulations with extreme pH or high electrolyte concentration Superior thickening efficiency in both mid and high shear rates	<ul style="list-style-type: none"> <li>Bleaches and boosters</li> <li>Fabric softeners</li> <li>Liquid detergents</li> <li>Pod detergents</li> <li>Pretreat stain removers</li> </ul>
<b>Rheoclean® HI 735</b>	Polyurethane based additive	Provides high functionality at relatively low dosage Powder form is readily dispersible in water Additive is shear-thinning can be added at any stage in manufacturing	<ul style="list-style-type: none"> <li>Bleaches and boosters</li> <li>Fabric softeners</li> <li>Liquid detergents</li> <li>Pod detergents</li> <li>Pretreat stain removers</li> </ul>

## SANITIZERS

Product	Chemistry	Features & Benefits	End Use Laundry Application
<b>Maguard® 15A</b>	Peracetic acid (PAA)	Ready to use laundry sanitizer or disinfectant formulation Based on blend of peracetic acid (15%), hydrogen peroxide (10%), inert ingredients Available for supplemental registration	<ul style="list-style-type: none"> <li>Liquid laundry sanitizer &amp; disinfectant (Professional)</li> </ul>
<b>Maquat® 702.5M</b>	Quaternary ammonium blend	Liquid laundry sanitizer 2.5% active Available for supplemental registration.	<ul style="list-style-type: none"> <li>Liquid laundry sanitizer (Household)</li> </ul>
<b>Maquat® 750M</b>	Quaternary ammonium blend	High concentrated liquid laundry sanitizer 50% active Available for supplemental registration.	<ul style="list-style-type: none"> <li>Liquid laundry sanitizer (Professional)</li> </ul>

## SOLVENTS

Product	Chemistry	Features & Benefits	End Use Laundry Application
<b>*Augeo® Clean Multi</b>	Isopropylideneglycerol	Presents good stability in neutral and alkaline pH, in aqueous and non-aqueous solutions at any temperature Colorless and clear liquid Non-corrosive, low volatility and low toxicity, slight odor Miscible in common organic solvents and water	<ul style="list-style-type: none"> <li>Bleaches and boosters</li> <li>Fabric softeners</li> <li>Liquid detergents</li> <li>Powder/bar/pod detergents</li> <li>Pretreat stain removers</li> </ul>

## SOLVENTS

Product	Chemistry	Features & Benefits	End Use Laundry Application
<b>*Zemea®</b>	1,3-propanediol	Natural glycol derived from sustainable & renewable corn sugar fermentation Replacement for petroleum based glycols Efficient enzyme stabilization Low to no irritation to skin	<ul style="list-style-type: none"> <li>• Bleaches and boosters</li> <li>• Fabric softeners</li> <li>• Liquid detergents</li> <li>• Powder/bar/pod detergents</li> <li>• Pretreat stain removers</li> </ul>

## SURFACTANTS - AMPHOTERIC

Product	Chemistry	Features & Benefits	End Use Laundry Application
<b>Flexisurf™ LDP</b>	Sodium lauriminodipropionate	30% solids in water, salt-free, exceptional foaming Effective in acidic, neutral and alkaline solutions Compatible with anionic, nonionic, and cationic surfactants Naturally derived, coconut oil-based with greater than 67% biorenewable carbon Inert ingredient in non-food pesticide	<ul style="list-style-type: none"> <li>• Bleaches and boosters</li> <li>• Fabric softeners</li> <li>• Liquid detergents</li> <li>• Powder/bar/pod detergents</li> <li>• Pretreat stain removers</li> </ul>
<b>Spectrum Betaine</b>	Cocamidopropyl betaine	35% solids in water, high foaming Mildness, foam stability and viscosity building Compatible with anionic, nonionic, and cationic surfactants Inert ingredient in non-food pesticide	<ul style="list-style-type: none"> <li>• Bleaches and boosters</li> <li>• Liquid detergents</li> <li>• Powder/bar/pod detergents</li> <li>• Pretreat stain removers</li> </ul>
<b>Spectrum LO</b>	Lauramine oxide	High foaming, excellent degreaser Compatible with anionic, nonionic, and cationic surfactants Readily biodegradable	<ul style="list-style-type: none"> <li>• Bleaches and boosters</li> <li>• Liquid detergents</li> <li>• Powder/bar/pod detergents</li> <li>• Pretreat stain removers</li> </ul>

## SURFACTANTS - ANIONIC

Product	Chemistry	Features & Benefits	End Use Laundry Application
<b>Calsoft® F-90</b>	Sodium linear alkylbenzene sulfonate	Dry flake additive for powders Contains anti-tack agent Retards moisture pick up and keeps product flowing Unique uniform particle size Presents less dust issues than other high active flakes	<ul style="list-style-type: none"> <li>• Powder/bar/pod detergents</li> </ul>
<b>*Calsoft® L-40 &amp; L-60</b>	Sodium linear alkylbenzene sulfonate	Liquid form with high foaming characteristics Provides excellent wetting, emulsifying & cleaning properties Environmentally friendly and biodegradable	<ul style="list-style-type: none"> <li>• Bleaches and boosters</li> <li>• Liquid detergents</li> <li>• Powder/bar/pod detergents</li> <li>• Pretreat stain removers</li> </ul>
<b>*Calsoft® LAS-99</b>	Linear alkylbenzene sulfonic acid	High active acid for neutralization to high purity sulfonates High foaming with excellent detergency Economical, efficient and environmentally friendly	<ul style="list-style-type: none"> <li>• Bleaches and boosters</li> <li>• Liquid detergents</li> <li>• Powder/bar/pod detergents</li> <li>• Pretreat stain removers</li> </ul>
<b>Masurf® 1250A</b>	Potassium alkanoate	Can be used where a hydrotrope or coupler is needed Can aid in solubilizing variety of hydrophobic ingredients Compatible with anionic, amphoteric and nonionic surfactants Can tolerate high alkaline conditions as well as hypochlorite solutions	<ul style="list-style-type: none"> <li>• Bleaches and boosters</li> <li>• Liquid detergents</li> <li>• Powder/bar/pod detergents</li> <li>• Pretreat stain removers</li> </ul>
<b>Rhodacal® LSS-40/AX</b>	C14-C16 alpha-olefin sulfonate	Aqueous solution prepared by reacting high quality alpha olefin Produced by polymerization of ethylene with sulfur trioxide in a thin film continuous reactor Excellent detergency and foaming properties High solubility and lower irritancy than other sulfates & sulfonates	<ul style="list-style-type: none"> <li>• Bleaches and boosters</li> <li>• Liquid detergents</li> <li>• Powder/bar/pod detergents</li> <li>• Pretreat stain removers</li> </ul>

## SURFACTANTS - ANIONIC

Product	Chemistry	Features & Benefits	End Use Laundry Application
<b>Spectrum L-40 &amp; L-60 Slurries</b>	Linear alkylbenzene sulfonic acid	Viscous slurry and not a liquid Excellent cleaning and foaming properties	<ul style="list-style-type: none"> <li>• Bleaches and boosters</li> <li>• Liquid detergents</li> <li>• Powder/bar/pod detergents</li> <li>• Pretreat stain removers</li> </ul>
<b>Spectrum SLES</b>	Sodium lauryl ether sulfate	Excellent cleaning & foaming Oil emulsifier and wetting agent	<ul style="list-style-type: none"> <li>• Bleaches and boosters</li> <li>• Liquid detergents</li> <li>• Powder/bar/pod detergents</li> <li>• Pretreat stain removers</li> </ul>
<b>Spectrum SLS</b>	Sodium lauryl sulfate	Excellent cleaning & foaming properties Addition of organic salts produces remarkable increased viscosity	<ul style="list-style-type: none"> <li>• Bleaches and boosters</li> <li>• Liquid detergents</li> <li>• Powder/bar/pod detergents</li> <li>• Pretreat stain removers</li> </ul>

## SURFACTANTS - BLENDS

Product	Chemistry	Features & Benefits	End Use Laundry Application
<b>Aspire® G Super Concentrate</b>	Proprietary blend of anionic, nonionic and cationic surfactants	Requires minimal processing Over 97% active with a chemical loading that is uncommonly low Formulates across pH spectrum Easy to blend, pour and compatible with common additives Low odor and light color Ideal for customization	<ul style="list-style-type: none"> <li>• Bleaches and boosters</li> <li>• Fabric softeners</li> <li>• Liquid detergents</li> <li>• Powder/bar/pod detergents</li> <li>• Pretreat stain removers</li> </ul>
<b>Calsuds® 81</b>	Proprietary concentrated detergent blend	Liquid detergent base with 60% activity Excellent detergency, great grease cutting, emulsification, wetting Enhanced foaming, flash foam and handling properties	<ul style="list-style-type: none"> <li>• Bleaches and boosters</li> <li>• Fabric softeners</li> <li>• Liquid detergents</li> <li>• Powder/bar/pod detergents</li> <li>• Pretreat stain removers</li> </ul>
<b>Flexiclean™ AMP-FB</b>	Sodium lauriminodipropionate, alkylpolyglucoside	Bio-based high foaming amphoteric detergent Exceptional detergency, solubilizing and emulsification properties Greater than 83% biorenewable carbon	<ul style="list-style-type: none"> <li>• Bleaches and boosters</li> <li>• Liquid detergents</li> <li>• Powder/bar/pod detergents</li> <li>• Pretreat stain removers</li> </ul>
<b>Rhodaterge® BCC</b>	Proprietary surfactant blend	Superior stability, low foaming properties Protein de-foaming capability and detergency	<ul style="list-style-type: none"> <li>• Bleaches and boosters</li> <li>• Fabric softeners</li> <li>• Liquid detergents</li> <li>• Powder/bar/pod detergents</li> <li>• Pretreat stain removers</li> </ul>
<b>Spectradet L116</b>	Non-alkanolamide concentrate	Foaming concentrate with mild detergency and excellent viscosity High foaming even at low active levels Easy to dispense, pump, dilute and adjust viscosity	<ul style="list-style-type: none"> <li>• Bleaches and boosters</li> <li>• Fabric softeners</li> <li>• Liquid detergents</li> <li>• Powder/bar/pod detergents</li> <li>• Pretreat stain removers</li> </ul>

## SURFACTANTS - CATIONIC

Product	Chemistry	Features & Benefits	End Use Laundry Application
<b>Spectrum 156</b>	Quaternary alkyl ammonium compound	Cationic surfactant/softener base for various fabrics Designed to be used on natural & synthetic fibers and their blends	<ul style="list-style-type: none"> <li>• Fabric softeners</li> </ul>
<b>Spectrum FSNA</b>	Proprietary cationic surfactant	Excellent detergency, hydrotone properties, builder compatibility Designed to be used on natural & synthetic fibers and their blends	<ul style="list-style-type: none"> <li>• Fabric softeners</li> </ul>

SURFACTANTS - NONIONIC

Product	Chemistry	Features & Benefits	End Use Laundry Application
*Rhodasurf® 91-6	Ethoxylated alcohols	Excellent wetting agent and emulsifier Provide excellent detergency and exhibits biodegradable profile	<ul style="list-style-type: none"><li>• Bleaches and boosters</li><li>• Liquid detergents</li><li>• Powder/bar/pod detergents</li><li>• Pretreat stain removers</li></ul>
*Rhodasurf® 91-8	Ethoxylated C9-11 alcohols	Excellent wetting agent and emulsifier Provide excellent detergency and is biodegradable	<ul style="list-style-type: none"><li>• Bleaches and boosters</li><li>• Liquid detergents</li><li>• Powder/bar/pod detergents</li><li>• Pretreat stain removers</li></ul>
Spectrum APG 810	Alkyl polyglucoside	Excellent detergency, hydrotone properties, builder compatibility	<ul style="list-style-type: none"><li>• Bleaches and boosters</li><li>• Fabric softeners</li><li>• Liquid detergents</li><li>• Powder/bar/pod detergents</li><li>• Pretreat stain removers</li></ul>

\*CleanGredients listed raw material