

Formulate high-performance vehicle washes, waxes, interior cleaners and air fresheners with ingredients offered by Barentz. Eco-friendly options are available. Our team is ready to help you choose the most effective solutions for your products.

# Ingredients for Better Vehicle Care Products



## ANTI-REDEPOSITION/DISPERSANTS

Product	Chemistry	Features & Benefits	Exterior Vehicle Care	Interior Vehicle Care
<b>Acrymal™ H-101</b>	Acrylic/Maleic Copolymer Solution	Anti-redeposition agent with unique sheeting action. Fully neutralized acrylic copolymer with anionic/nonionic charge. Brake dust removal, chrome/metal part road film removal, carwash, wheel/tire cleaner, bug/tar remover.	✓	
<b>Acrymal™ S-1400</b>	Acrylic/Maleic Copolymer Acidified Solution	Cleaning, etching and degreasing without harsh acids. Acrylic/maleic copolymer acidified solution with anionic charge. Transportation, concrete truck cleaner. Easy to handle, DOT non-regulated, environmentally safe, non-fuming and non-corrosive to most metals.	✓	
<b>E-Cryl® 8145</b>	Phosphorous-free, partially sodium neutralized AA homopolymer	Reduces deposition of solids on hard and soft surfaces. Can be used in medium - high alkaline formulations. Inhibits crystal growth and disperses precipitates.	✓	✓
<b>E-Cryl® 8325N</b>	Fully sodium neutralized AA/maleic polymer	Reduces deposition of solids on hard surfaces. Excellent scale inhibition and improves filming.	✓	
<b>E-Cryl® 8497</b>	Fully sodium neutralized AA/maleic polymer	Reduces deposition of solids on soft surfaces. Anti-precipitation, anti-greying and excellent crystal distortion.		✓

## OPACIFIERS, DYES & FRAGRANCES

Product	Chemistry	Features & Benefits	Exterior Vehicle Care	Interior Vehicle Care
<b>E-Cryl® 11</b>	Emulsion Polymer	Opacifier, compatible with mid-range pH systems Compatible with most anionic and nonionic systems Highly biodegradable	✓	✓
<b>E-Cryl® 2301</b>	Acrylates Copolymer	High opacity emulsion polymer Offers broad pH usage, good compatibility & good dispersibility. Excellent choice for use in formulations with slightly acid to moderate pH range, containing up to moderate levels of electrolytes	✓	✓
<b>Wide range of colorants</b>	Dyes	Liquid and powder colorants. Applicable for broad ranges of pH and lightfastness needs.	✓	✓
<b>Wide range of fragrances</b>	Fragrance compositions	Natural, organic or synthetic compositions. Water and oil soluble fragrances. Choose from popular fragrances or design your own.	✓	✓

ODOR ABSORBERS

Product	Chemistry	Features & Benefits	Exterior Vehicle Care	Interior Vehicle Care
Flexisorb™ OD-202	Zinc ricinoleate	Soft surface stain & resoil resistant zinc ricinoleate dispersion. 5% zinc salt actives. Use as stand alone odor control agent or as an additive		✓

PH CONTROL/SYNTHETIC ACID

Product	Chemistry	Features & Benefits	Exterior Vehicle Care	Interior Vehicle Care
Spectrum AR	Synthetic acid (urea hydrochloride solution)	Cleaner & acid presoak for transportation, concrete truck cleaning. Unique, patented pH adjustment system. Easy to handle, DOT non-regulated, environmentally safe, non-fuming and non-corrosive to most metals.	✓	

POLYMERS

Product	Chemistry	Features & Benefits	Exterior Vehicle Care	Interior Vehicle Care
Flexipel™ SR-80	Aqueous polymer	Water soluble polymer for vehicle spot-free drying & rinse aid. Rapidly adsorbs to vehicle. Imparts hydrophilic easy to clean properties. Compatible with nonionic, anionic, amphoteric, & some cationic materials.	✓	
Flexipel™ SR-95HF	Functionalized dispersant polymer	Provides cleaning without additional surfactants. Provides spot free drying and anti-fogging benefits. One-step, no rinse, touchless wash. Hard surface cleaning for vehicle, transportation and wheel.	✓	✓
Mirapol® CP 412P	Aqueous solution of acrylic polymers	Water sheeting, antispotting, no film formation and fast-drying. Readily soluble in water and compatible with common surfactants.	✓	
Rheozan® BLC	Biological liquid cellulase	Natural suspension aid polymer, based on bacterial cellulose Stable across wide range of pH with no impact to viscosity 100% natural and readily biodegradable Can be used to stabilize fragrance capsules or opacifier	✓	✓
Spectradry CR-502	Ceramic sealant concentrate	Advanced ceramic sealant for car wash and vehicle care. Combines state of the art silicone polymers & a bonding technology to maximize retention of the polymers. Prevents damage caused by acid rain, UV radiation, tree sap, bird droppings and other surface debris. Total body, clearcoat protectant, drying agent, windshield Rain-X effect, tire dressing (auto or hand). Replaces wax additives in new ceramic finish products.	✓	
Spectradry DAB	Proprietary wax additive	Improves shine and surface protection in vehicle care formulations. Non-flammable, self-emulsifying, compatible with water-based formulations with other drying agents, no greasy film, and improves water repellency. Clearcoat protection, total body protectant, tri-color conditioners, wash-N-shine or waterless carwash, leather protectant, tire dressing, vinyl & rubber shine, lens defogging, window treatment.	✓	✓

PRESERVATIVES

Product	Chemistry	Features & Benefits	Exterior Vehicle Care	Interior Vehicle Care
Mergal™ 530	2,2-Dribromo-3-nitrilopropionamide (DBNPA)	Broad spectrum, quick-kill, fast dissipating biocide . Best added early in the manufacturing process of finished products.	✓	✓
TroyGuard™ B20G	Benzisothiazolinone (BIT)	Effective broad-spectrum liquid preservative. Designed to inhibit the growth of microorganisms. Provides long-term preservation. Formaldehyde-free and does not contain any halogens.	✓	✓
TroyGuard™ CM1.5 & TroyGuard™ CM1.5 CF	Chloromethylisothiazolinone (CMIT) Methylisothiazolinone (MIT)	Effective broad-spectrum wet-state preservative designed to prevent deterioration of aqueous systems caused by bacteria. In-can preservative best used in formulations within pH 3 to 9, at temperatures up to 60C and with absence of reducing agents. Copper & VOC-Free, and CleanGredients listed option available.	✓	✓

PROBIOTICS

Product	Chemistry	Features & Benefits	Exterior Vehicle Care	Interior Vehicle Care
J-Zyme® AB Carpet Spotter 5X FF	Blend of Bacillus spores	Fully-formulated, liquid, microbial concentrate. Removes tough carpet stain and odors and provides immediate & long-term performance. Complies to Canadian Domestic Substances List (DSL). Free of EDTA, 1,4-dioxane, and Prop 65 chemicals.		✓
J-Zyme® Odor Controller 10X FF	Blend of Bacillus spores	Fully formulated liquid microbial concentrate for toughest odor control applications. Complies to Canadian Domestic Substances List (DSL). Free of EDTA, 1,4-dioxane, and Prop 65 chemicals.		✓
J-Zyme® Multi Spore Concentrate 20X NF	Blend of Bacillus spores	Non-formulated liquid microbial concentrate for long lasting odor control. Ingredient used to design environmentally preferable products. Complies to Canadian Domestic Substances List (DSL). Free of EDTA, 1,4-dioxane, and Prop 65 chemicals.		✓

RHEOLOGY MODIFIERS

Product	Chemistry	Features & Benefits	Exterior Vehicle Care	Interior Vehicle Care
Bentone® 34	Bentonite clay	Increases and improves viscosity, flow and leveing. Provides thixotropy & prevents syneresis in thixotropic systems. Prevents pigment settling during storage. Controls sagging on vertical surfaces.	✓	
Bentone® 38	Hectorite clay	Increases and improves viscosity, flow and leveing. Provides thixotropy & prevents syneresis in thixotropic systems. Prevents pigment settling during storage. Controls sagging on vertical surfaces.	✓	
Rheoclean® HI 711	Polyurethane based additive	Highly efficient rheological modifier for use in formulations with difficult to thicken conditions such as extreme pH or high electrolyte concentration. 25% solids solution, nonionic character with broad pH tolerance. Superior thickening efficiency in both mid and high shear rates.	✓	✓
Rheoclean® HI 735	Polyurethane based additive	Highly efficient rheological modifier for use in aqueous systems. Powder form is readily dispersible in water. Additive is shear-thinning can be added at any stage in manufacturing.	✓	✓

SILICONES, SILOXANES & SILANES

Product	Chemistry	Features & Benefits	Exterior Vehicle Care	Interior Vehicle Care
Comfortsil™ Emul 1635	Silicone emulsion release agent	Nonionic aqueous emulsion of 350 cSt PDMS fluid. Gloss additive for tire shine. Excellent heat stability & lubricating properties. Good water repellency.	✓	
Comfortsil™ Emul 872RH	Silicone emulsion release agent	Nonionic aqueous silicone emulsion. Water repellent & release agent for glass. Additive for leather maintenance. Excellent heat stability & lubricating properties. Good water repellency.	✓	✓
Comfortsil™ SP 3309	Polyether modified trisiloxane	Super wetting agent, high spreadability rate, improves adherence to coatings. Siloxane emulsion for use in vehicle surface modification and leather treatment.	✓	
Flexiclean™ SS-100	Reactive siloxane emulsion	Imparts high gloss to leather, vinyl and tire dressing. Improves durability versus typical silicone emulsions. Concentrate allows for simple dilution in water or as an additive in water based formulation.	✓	✓
Flexipel™ Q-50	Stabilized cationic silane emulsion	Water-based emulsion for durable and invisible automotive coatings High water beading, durable scratch resistance for glass, mirrors, and ceramics. Drying additive for tunnel car wash. Windshield washer fluid & glass treatment, lubricant, antistat dusting aid.	✓	

SURFACTANTS - AMPHOTERIC

Product	Chemistry	Features & Benefits	Exterior Vehicle Care	Interior Vehicle Care
Flexiclean™ AMP-FB	Proprietary amphoteric mixture	Bio-based, high foaming, amphoteric detergent for use in vehicle care cleaning formulations (foam brush, high pressure spray, hand bucket wash). Solubilizing and emulsification properties. Compatible with high electrolyte systems. Greater than 83% biorenewable carbon.	✓	
Flexisurf™ LDP	Sodium lauriminodipropionate	30% solids in water & salt-free. Exceptional foaming amphoteric surfactant. 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.	✓	✓
Spectrum Betaine	Cocamidopropyl betaine	35% solids in water, mild, high foaming amphoteric surfactant. Mildness, foam stability and viscosity building features. Compatible with anionic, nonionic, and cationic surfactants.	✓	✓
Spectrum LO	Lauramine oxide	High foaming and excellent degreasing properties. Compatible with anionic, nonionic, and cationic surfactants. Readily biodegradable.	✓	✓

SURFACTANTS - ANIONIC

Product	Chemistry	Features & Benefits	Exterior Vehicle Care	Interior Vehicle Care
Masurf® 1250A	Potassium alkanoate	Used as a surfactant where a hydrotope or coupler is needed. Aids in solubilizing hydrophobic surfactants, fragrances or solvents. Compatible with anionic, amphoteric and nonionic surfactants. Tolerates high alkaline conditions as well as hypochlorite solutions.	✓	✓

## SURFACTANTS - ANIONIC

Product	Chemistry	Features & Benefits	Exterior Vehicle Care	Interior Vehicle Care
<b>Rhodapon® OLS</b>	Sodium octyl sulfate	Low foaming with excellent wetting, coupling & alkaline stability. Bleach stable & reduces spots and streaks when drying. CleanGredients listed.	✓	
<b>Spectrum AOS-40</b>	C14-C16 alpha-olefin sulfonate	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 low irritancy.	✓	✓
<b>Spectrum L-40 &amp; L-60 Slurries</b>	Linear alkylbenzene sulfonic acid	Viscous slurry and not a liquid Excellent cleaning and foaming properties	✓	✓
<b>Spectrum SLES</b>	Sodium lauryl ether sulfate	Excellent cleaning & foaming Oil emulsifier and wetting agent	✓	✓
<b>Spectrum SLS</b>	Sodium lauryl sulfate	Excellent cleaning and foaming properties. Addition of organic salts produces remarkable increased viscosity.	✓	✓

## SURFACTANTS - BLENDS

Product	Chemistry	Features & Benefits	Exterior Vehicle Care	Interior Vehicle Care
<b>Aspire® G Super Concentrate</b>	Proprietary blend of anionic, nonionic and cationic surfactants	Requires minimal processing. Over 97% active. Uncommonly low chemical loading. Formulates across pH spectrum. Easy to blend & pour, versatility, light color and low odor make it ideal customization. Compatible with common additives.	✓	✓
<b>Calsuds® 81</b>	Proprietary concentrated detergent blend	Liquid detergent base with 60% activity. Excellent detergency, great grease cutting, emulsification, wetting, foaming, flash foam and handling.	✓	✓
<b>Flexicon LC-65</b>	Proprietary concentrate	Leather cleaner and conditioner concentrate. Contains natural cleaners and oils for soil removal. Can be used in spray and wipe application that does not drying out leather surface.		✓
<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.	✓	✓

## SURFACTANTS - CATIONIC

Product	Chemistry	Features & Benefits	Exterior Vehicle Care	Interior Vehicle Care
<b>ColaMulse HP500</b>	Proprietary cationic surfactant	Cationic emulsifier for mineral seal oils. Versatile vehicle care applications in wide range of concentrations. Easy to formulate with and no need for nonionic co-surfactant. Car wash and drying, clear coat, total body protectant, foamy wax & conditioner, wheel & engine clean and shine.	✓	
<b>Spectraquat SMES</b>	Soyethyl morpholinium ethosulfate	Designed to to be effective in variety in malodors in vehicle. Liquid form, completely soluble in water and easy to formulate with or without fragrance.		✓
<b>Spectrum CS-400</b>	Proprietary cationic surfactant	Designed for spray waxes. Optimized drying agent, beading, sheeting, additive in automatic car wash formulation.	✓	

## SURFACTANTS - NONIONIC

Product	Chemistry	Features & Benefits	Exterior Vehicle Care	Interior Vehicle Care
<b>Flexiclean™ LC-200</b>	Proprietary nonionic surfactant	Concentrated detergent for leather care that's easy to fragrance. Safe and easily used to remove dirt, grime and oils. Applicable in spray, foam, and wipe formats.		✓
<b>Flexiwet™ WBD</b>	Proprietary nonionic surfactant	Nonionic, environmentally friendly, degreasing ,surfactant blend. Delivers both static and dynamic surface tension critical for optimized cleaning/degreasing. VOC-free, phosphate-free, APEO-free and readily biodegradable. Wheel cleaner, vehicle presoaks.	✓	
<b>Rhodasurf® 91-6</b>	Ethoxylated C9-11 alcohols	Excellent wetting agent and emulsifier that provided excellent detergency. CleanGredients listed and readily biodegradable.	✓	✓
<b>Rhodasurf® 91-8</b>	Ethoxylated C9-11 alcohols	Excellent wetting agent and emulsifier. Provide excellent detergency and exhibits biodegradable profile. CleanGredients listed.	✓	✓

## UV ABSORBER

Product	Chemistry	Features & Benefits	Exterior Vehicle Care	Interior Vehicle Care
<b>Flexisorb AQ-50</b>	Benzotriazole	UV Absorber based on benzotriazole technology. Readily disperses in water producing a clear, stable micro-emulsion and can be used as a post add in formulation. For use on hard and soft surfaces (paints, coatings, tire dressings, various interior vehicle)	✓	✓

## WAX EMULSIONS

Product	Chemistry	Features & Benefits	Exterior Vehicle Care	Interior Vehicle Care
<b>Michem® Emulsion 17525</b>	Carnauba emulsion	APEO-free carnauba emulsion for use in vehicle care polishes. Provides mar resistance properties.	✓	
<b>Michem® Emulsion 20117</b>	Carnauba emulsion	Cationic, carnauba wax emulsion for slip and anti-block additive in vehicle polish formulations.	✓	
<b>Michem® Emulsion 24414</b>	Carnauba emulsion	Anionic carnauba wax emulsion with exceptionally small particle size for water clear clarity. For use in cleaners or soap applications for vehicles.	✓	
<b>Michem® Emulsion 91240G</b>	Polyethylene emulsion	Nonionic LDPE paraffin blend additive for vehicle polishes. Imparts ease of removal, gloss & scratch resistance and wiping off benefit.	✓	
<b>Michem® Emulsion 93016</b>	Carnauba emulsion	Nonionic carnauba emulsion with broad range of compatibility and applications ex. vehicle cleaners, paste washes. Provides slip, anti-block and buffability in vehicle polishes.	✓	

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