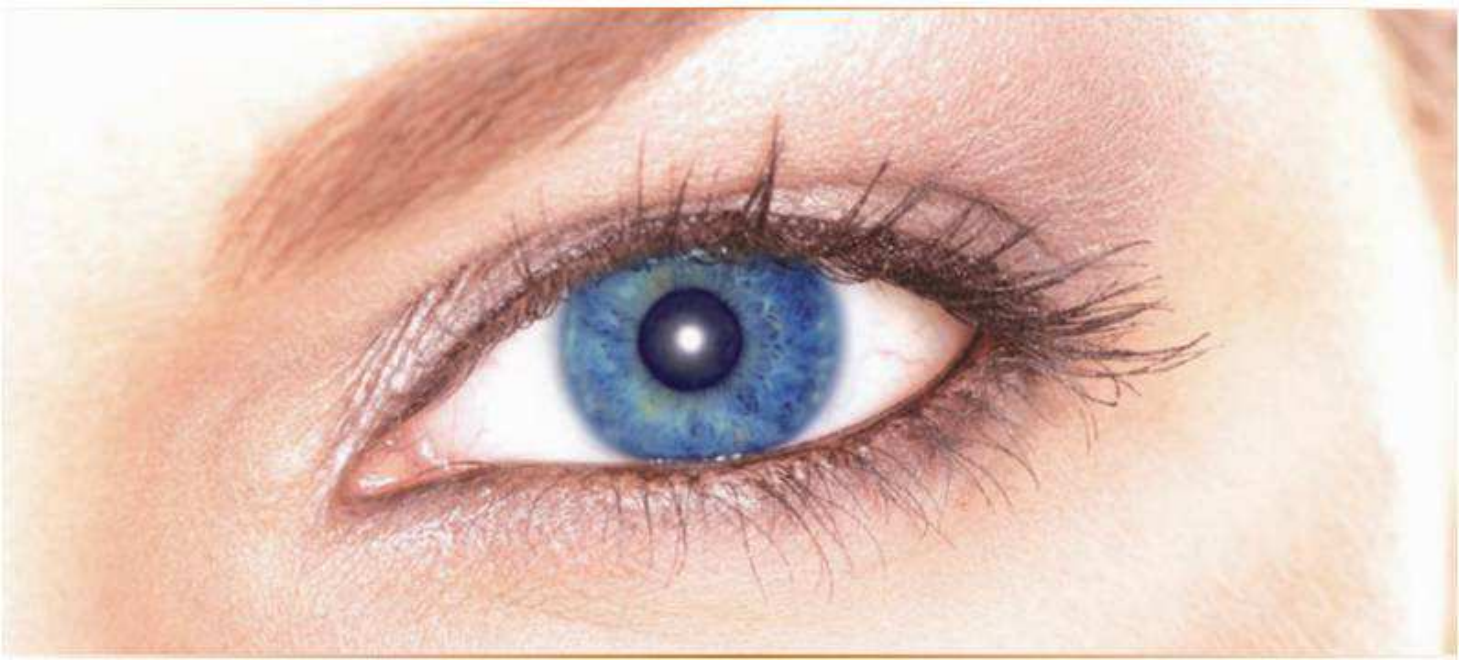


Biesterfeld do Brasil

LifeScience

Product Portfolio

2015

Our Partners in Brazil

Cosphatec

COMPONENTS OF BEAUTY

Libra

Speciality Chemicals

OXEA

the oxo people

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Multifunctionals

Natural Derived

Trade Name	INCI
Cosphaderm® LA-T	Levulinic Acid, Glycerin, Sodium Levulinate, Aqua
Cosphaderm® pAS natural	p-Anisic Acid
Cosphaderm® Sodium pAS natural	Sodium Anisate
Cosphaderm® Propanediol natural	Propanediol
Cosphaderm® Pentiol natural	Pentylene Glycol
Cosphaderm® GMCY	Glyceryl Caprylate
Cosphaderm® GMUD	Glycerly Undecylenate
Cosphaderm® GeMix	Glyceryl Caprylate, Glycerly Undecylenate
Cosphaderm® Magnolia Extract 98	Magnalia Oficinalis Bark Extract
Cosphaderm® MultiMEG	Glyceryl Caprylate, Pentylene Glycol, Magnolia Oficinalis Bark Extract
Cosphaderm® TOM	Pentylene Glycole, Glyceryl Caprylate, Glyceryl Undecylenate
Natural derived multifunctionals with different functions and properties like emulsifying, Solubilizing, conditioning, masking, perfuming, antioxidant, antimicrobial. In compliance with several labels for natural cosmetics	

Synthetical

Trade Name	INCI
Cosphaderm® AS	p-Anisic Acid
Cosphaderm® Pentiol	Pentylene Glycol
Cosphaderm® Pentiol GL	Pentylene Glycol
Cosphaderm® Octiol	Caprylyl Glycol
Cosphaderm® Diacapo	Caprylyl Glycol, Diproplyne Glycol, Glyceryl Caprylate
Cosphaderm® MultiMEG Syn	Glyceryl Caprylate, Pentylene Glycol, Magnolia Officinalis Bark Extract
Cosphaderm® TOM Syn	Pentylene Glycole, Glyceryl Caprylate, Glyceryl Undecylenate
Multifunctionals with various functions.	

Antioxidants

Trade Name	INCI
Cosphaderm® T-70 NON GMO	**Tocopherol, Helianthus Annuus Seed Oil or Tocopherol**
Cosphaderm® T-70 NON GMO ECO	**Tocopherol, Helianthus Annuus Seed Oil or Tocopherol**
Cosphaderm® T-70 NON GMO Soy	**Tocopherol, Glycine Soja Oil or Tocopherol**
Cosphaderm® TOM Syn	**Pentylene Glycole, Glyceryl Caprylate, Glyceryl Undecylenate**
Protection against oxidation. Tococpherol mixtures with different carriers (soybean or sunflower oil	
Cosphaderm® AP	**Ascorbyl Palmitate**

Thickeners

Trade Name	INCI
Cosphaderm® X 17	**Xanthan Gum**
Cosphaderm® X 34	
Cosphaderm® X 34veg	
High performance Xantham Gums. Thixotropic, high thermal stability over a broad pH range (4 – 11).	

Additives

Trade Name	INCI
Cosphaderm® PA-3	**Sodium Phytate, Aqua**
Corning® PA ECONAT	**Phytic Acid, Aqua**
Chelating agent. As alternative to EDTA	

Natural Emulsifiers / Lecithins

Trade Name	INCI
Cosphaderm® E NGM	**Lysolecithin**
Cosphaderm® E NGM 50	
Cosphaderm® E 100 E IP	
Cosphaderm® SF-S	**Lecithin**
Cosphaderm® SF-D	
Cosphaderm® SF-50	
Cosphaderm® SF-75	
Cosphaderm® SF-90	
Cosphaderm® SF-75H	**Hydrogenated Lecithin**
Cosphaderm® SF-90H	
Lecithins based on sunflower or soy bean, non-GMO. Phospholipids which act as natural emulsifier and which support the stability of emulsions. Conditioning properties and emollient characteristics.	

Active Substances

Trade Name	INCI
Cosphaderm® EGCg	**Camellia Sinensis Leaf Extract**
Cosphaderm® Sodium Hyaluronate	**Sodium Hyaluronate**
Cosphaderm® Touch	**Heptyl Undecylenate**
Cosphaderm® VBE	**Vanillyl Butyl Ether**
Cosphaderm® E-1000 NON-GMO	**Tocopherol, Helianthus Annuus Seed Oil or Tocopherol**
Cosphaderm® E-1000	
Cosphaderm® E-800 Sunflower	
Cosphaderm® E-1000AC NON-GMO	**Tocopherol Acetate, Helianthus Annuus Seed Oil or Tocopherol Acetate**
Cosphaderm®	**Dimethicone / Vinyldimethicone Crosspolymer, Lauroyl Lysine**
Active substances with different characteristics such as humectant, antioxidant, antimicrobial, masking, UV-absorber, skin conditioning.	

Abrasives / Beads

Trade Name	INCI
Biesterbeads GB	Glass Beads
Biesterbeads OL	Olea Europaea Seed Powder
Biesternuts	Juglans Regia Shell Powder

Abrasives from different sources. For use in hand-wash pastes, peelings and bath & shower applications. Different grain sizes available. Glassbeads also suitable as opacifier.

Anionic / Amphoteric Surfactants

Alkyl-Diisooctyl-Sulphocussinate

Product	Chemical Name	Form	Active %
Libratex DOS 67 DPM	Dioctyl sulphosuccinate diluted in water / dipropylenglykol	LIQ	66-68
Libratex DOS 70PG	Dioctyl sulphosuccinate diluted in water / Propylenglykol	LIQ	66-68
Libratex DOS 70 S60	Dioctyl sulphosuccinate diluted in Shellsol D60	LIQ	68-72
Libratex DOS 70 D220	Dioctyl sulphosuccinate diluted in Exsol D 220	LIQ	68-72
Libratex DOS 70E	Dioctyl sulphosuccinate diluted water / ethanol	LIQ	68-72

The Libratex products may be used as raw materials in the manufacturing of a wide range of detergent products. Soluble in a number of liquids from aqueous to organic solvents. Applications: detergents, metal degreasing, textile auxiliaries, emulsion polymerization, agricultural formulations.

Alkyldipropionates

Product	Chemical Name	Form	Active %
Librateric BA 40	2-Ethylhexyldipropionate - sodiumsalt	LIQ	40
Librateric BA 60	2-Ethylhexyldipropionate - sodiumsalt	LIQ	60
Librateric BA 70	2-Ethylhexyldipropionate - potassiumsalt	LIQ	70
Librateric AA 30	Cocoaminodipropionate - sodiumsalt	LIQ	30
Librateric 110	Cocoamphodipropionate disodiumsalt liquid	LIQ	40

Librateric products are salt free dipropionates which make them ideal for applications where corrosion may be a problem. Compatibility with cationics, anionics and nonionics. Stability at high temperature, in acid or alkaline conditions and excellent hydrotropic properties. Applications: Acidic and alkaline detergents, vehicle cleaning, textile auxiliaries, high pressure washers, hydrotropes.

Nonionic Surfactants

Alkyl Polyglycosides

Product	Chemical Name	Form	Active %
Libracare APG06	Alkyl Polyglucoside (C6)	LIQ	75
Libracare APG08	Alkyl Polyglucoside (C8)	LIQ	60
Libracare APG10	Alkyl Polyglucoside (C10)	LIQ	50
Libracare APG0810-50/60/70	Alkyl Polyglucoside (C8, C10)	LIQ	50/60/70
Libracare APG0814	Alkyl Polyglucoside (C8, C10, C12, C14)	LIQ	50
Libracare APG1214	Alkyl Polyglucoside (C12, C14)	LIQ	50

Surfactants based on renewable raw materials, suitable for high alkaline and slightly acidic formulations. Low to high foaming depending on the C-chain distribution, good hydrotrope properties.

Amine Oxides

Product	Chemical Name	Form	Active %
Libranox AO12/14	C12-C14 Amine oxide	LIQ	30

Viscosity control, foam boosting and excellent grease cutting in liquid dishwash formulations. Synergistic effects when formulated into Anionic/Nonionic surfactant systems. Suitable for use in Sodium Hypochlorite and Hydrogen Peroxide based bleach products. Creates dense clinging foam when injected into highly alkaline surface cleaners.

Phosphor Acid Ester

Name	Chemical Name
Libraphos 1028	Alkoholphosphate ethoxylated
Libraphos HC2A	2- Ethyl- Hexyl- etherphosphate
Libraphos HC3A	Alkoholphosphate
Libraphos 1184	Oleyletherphosphate
Libraphos 1138	Alcoholethersulfate C12-14 4EO
Libraphos L66	Phenylphosphate ethoxylated (65% in water) Potassium salt
Libraphos P4	Phenol + 4EO phosphate ester

Libraphos P4 is an acidic version of Libraphos L 66. Used as a hydrotrope for highly built systems, and is especially recommended for solubilisation of low foam surfactants into highly built systems. Libraphos products show excellent stability in acidic and alkaline systems and at high temperatures. Uses include wetting, emulsification, lubricity, detergency and corrosion inhibition.

Flavor & Fragrances

Carboxylic Acids

Product	FEMA	Form	Active %
n-Butyric acid	2221	107-92-6	203-532-3
Isobutyric acid	2222	79-31-2	201-195-7
n-Valeric acid	3101	109-52-4	203-677-2
Pelargonic acid (n-Nonanoic acid)	2784	112-05-0	203-931-2
n-Heptanoic acid	3348	111-14-8	203-838-7
2-Methylbutyric acid	2695	116-53-0	204-145-2
3-Methylbutyric acid (Isovaleric acid)	3102	503-74-2	207-975-3
Caproic acid (Hexanoic acid)	2559	142-62-1	205-550-7
Propionic acid	2924	79-09-4	201-176-3
Cinnamic acid	2288	621-82-9	210-708-3

Esters

Product	FEMA	Form	Active %
Methyl anthranilate	2682	134-20-3	205-132-4
Dimethyl anthranilate	2718	85-91-6	201-642-6
Ethyl anthranilate	2421	87-25-2	201-735-1
n-Butyl anthranilate	2181	7756-96-9	231-816-7
Valeric acid ethyl ester (Ethyl valerate)	2462	539-82-2	208-726-1
α-(Trichloromethyl)-benzyl acetate (Rosacetol)	n.a.	90-17-5	201-972-0

Ketones

Product	FEMA	Form	Active %
4-(4-Hydroxyphenyl)-2-butanone (Raspberry ketone)	2588	5471-51-2	226-806-4
4-(4-Methoxyphenyl)-2-butanone (Anisyl acetone)	2672	104-20-1	203-184-2
2-Octanone (Hexyl methyl ketone)	2802	111-13-7	203-837-1
2-Acetylnaphthalene	2723	93-08-3	202-216-2
Benzalacetone (Benzylidenacetone)	2881	122-57-6	204-555-1
Benzylaceton (4-Phenyl-2-butanone)	n.a.	2550-26-7	219-847-4
3-Hydroxy-2-butanone (Acetoin)	2008	513-86-0	208-174-1

2-Methylhydroquinone	n.a.	95-71-6	202-443-7
Propiophenone	3469	93-55-0	202-257-6

Aldehydes

Product	FEMA	Form	Active %
Benzaldehyde	2127	100-52-7	202-860-4
2-Hydroxybenzaldehyde (Salicylaldehyde)	3004	90-02-8	201-961-0
4-Hydroxybenzaldehyde	3984	123-08-0	204-599-1
Isononanal (3,5,5-Trimethylhexanal)	3524	5435-64-3	226-603-0
2-Ethylhexanal	n.a.	123-05-7	204-596-5
2-Methylbutanal	2691	96-17-3	202-485-6
Isovaleraldehyde (3-Methylbutanal)	2692	590-86-3	209-691-5
Propionaldehyde (Propanal)	2923	123-38-6	204-623-0
Cinnamaldehyde (Phenylacrolein)	2286	104-55-2	203-213-9
alpha-Hexylcinnamaldehyde	2569	101-86-0	202-983-3
alpha-Methylcinnamaldehyde (2-Methyl-3-phenyl-2-propen-1-al)	2697	101-39-3	202-938-8

Cooling Agents

Product	FEMA	Form	Active %
N-Ethyl-p-menthane-3-carboxamide (WS-3)	3455	39711-79-0	254-599-0
N,2,3-Trimethyl-2-isopropylbutanamide (WS-23)	3804	51115-67-4	256-974-4

Pyridines

Product	FEMA	Form	Active %
Pyridine	2966	110-86-1	203-809-9
2-Acetylpyridine	3251	1122-62-9	214-355-6
3-Acetylpyridine	3424	350-03-8	206-496-7
4-(Dimethylamino)-pyridine	n.a.	1122-58-3	214-353-5
2-Ethylpyridine	n.a.	100-71-0	202-881-9
3-Ethylpyridine	3394	536-78-7	208-647-2

Various

Product	FEMA	Form	Active %
Caffeine anhydrous	2224	58-08-2	200-362-1
Anisole	2097	100-66-3	202-876-1
Eugenol	2467	97-53-0	202-589-1
Anthranilamide (2-Aminobenzamide)	2767	88-68-6	201-851-2
L-Cysteine HCl monohydrate	3263	7048-04-6	Not listed
2-Bromopentane (sec-Amyl bromide)	2586	107-81-3	203-521-3

Biesterfeld do Brasil Ltda.
Rua Alcides Ricardini Neves, N· 12 - Cj. 802, Cep
São Paulo, SP 04575-050
Brazil
Phone: +55 (11) 5505-1822
a.viana@biesterfeld.com
www.biesterfeld.com