Silitex®

High technology emulsion

ADDITIVES FOR THE COSMETIC INDUSTRY

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IT'S A GROWTH WORTH WATCHING

SILITEX core business is the development, manufacturing and marketing of high performance Antifoams, Chemical Additives, Specialty Chemicals and Surface Technologies.

The company uses the latest technologies combined with advanced chemical engineering to obtain products with superior performance and high quality.
SILITEX yearly actual production capacity is 22K tons with the achievement of 30k tons expected in 2027: for this purpose an additional new site of over 5000 square meters was acquired in 2022 to host new production plants and warehouses.

Our High Tech Chemistry Lab is fully committed in constantly formulating innovative products based on customers' requirements, market demands and environmental standards. High flexibility of the production center and of the laboratory team is one of SILITEX strength:

YOU SAY IT, WE SORT IT!



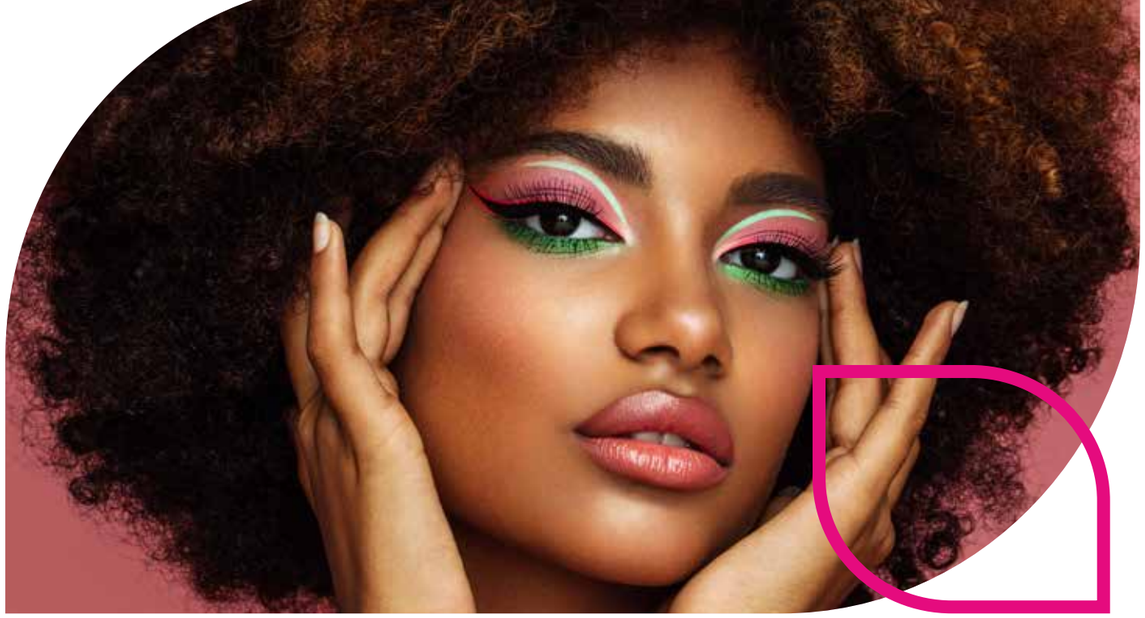






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SILICONE BLENDS



COD.	PRODUCT	INCI	DESCRIPTION	% ACTIVE MATERIAL	APPLICATION
H2019	BODY BLEND 150-6000	Cyclopentasiloxane, Dimethiconol	Mix of low molecular weight silicone (volatile) and high molecular weight dimethiconol gum	15%	In hair care / body care products; very good conditioning effect; excellent skin-feel.
H2153	CICLODIMETIBLEND	Cyclopentasiloxane, Dimethicone	Mix of low molecular weight silicone (volatile) and high molecular weight dimethicone	15%	In hair care products as shampoo and conditioner; in face and body creams as a good conditioning agent and temporary filler. Solid content % is adaptable on the basis of the customers' need.
H2057	DIMETIBLEND	Dimethicone, Dimethiconol	Mix of low molecular weight dimethicone and high molecular weight dimethiconol gum	12%	Replace of Cyclopentasiloxane; Good skin-feel; High texturing and hydrorepellent effect. Solid content % is adaptable on the basis of the customers' need.
H2276	SILIBLEND DT 50	Dimethicone; Trimethylsiloxysilicate	Mix of low molecular weight silicone (5 cSt) and silicone resin	50%	Very good hydrophobic qualities; Very good emollient action; Light texture.
PO597	SILIBLEND CROSS D	Dimethicone, Dimethicone/Vinyl Dimethicone Crosspolymer	Mix of dimethicone and silicone elastomer (Crosspolymer)	7%	Excellent skin-feel; Gel with minimum adhesion.
H2296	DIMEPOL 18/18	Cyclopentasiloxane and PEG/PPG-18/18 Dimethicone	Mix of Cyclopentasiloxane and dimethicone co-polyols	10%	Good hydrating and emollient action; Good conditioning agent.
H2127	ESABLEND	Cyclopentasiloxane and Cycloesasiloxane	Blend of volatile fluids of silicone nature with low viscosity, with a cyclic structure		Carrier and volatile raw material with emollient, lubricating and relaxing action.
H2256	ALKABLEND 6800	C13-15 Alkane, Dimethiconol	Mix of Dimethiconol and C13-15 Alkane. Viscosity is adaptable on the basis of the customers' need	21%	In hair and skin care products; In solar protection products; In colored make up products. C13-15 alkane is available both in synthetic and natural form.



SILICONE EMULSIONS

COD.	PRODUCT	INCI	DESCRIPTION	% ACTIVE MATERIAL	APPLICATION
E2120	BODYAMISIL 35	Amodimethicone (and) Trideceth-12 (and) Cetrimonium Chloride	Cationic macroemulsion, based on amino silicone, dilutable in water solution	35%	Additive for hair care products with conditioning action; It forms a film on the hair.
E2241	BODYAMISIL 20	Amodimethicone (and) Laureth-3 (and) Laureth-9	Non ionic microemulsion, based on amino silicone, easily dilutable in water solution	20%	Very good protection action on hair dye and good emollient and straightening action.
E2404	BODYSIL 60	Dimethicone (and) Laureth-4 (and) Laureth-23	Non ionic macroemulsion, based on high viscosity dimethicone	60%	Excellent conditioning action; It helps the combing action of dry and wet hair; Suitable also in the pet care.
H2477	BODYAMODIMETISIL 60	Amodimethicone, Dimethicone, Laureth-23, Laureth-7	Macroemulsion based on dimethicone and high viscosity amodimethicone	60%	Excellent conditioning action and protection of the hair; It keeps the hair silky and soft, lowering the “fly away” effect.
E2121	MICROAMODIMETISIL 200	Amodimethicone (and) Trideceth-7 (and) Trideceth-5, Propylene Glycol (and) Trideceth-12	Non ionic microemulsion, based on amino silicone, easily miscible in water	20%	Excellent conditioning additive for hair care product as 2-1 shampoo, conditioners and transparent products.
E2515	BODYAMISIL LF	Amodimethicone (and) Trideceth-10 (and) Cetrimonium Chloride	Cationic macroemulsion based on amino silicone, easily dilutable in water solution	35%	Additive for hair care products with conditioning action. It forms a film on the hair.
E2526	BODYAMISIL 50	Amodimethicone (and) Trideceth-12 (and) Cetrimonium Chloride	Cationic macroemulsion based on amino silicone, easily dilutable in water solution	50%	Additive for hair care products with conditioning action. It forms a film on the hair.



NATURAL BASED PRODUCTS

COD.	PRODUCT	INCI	DESCRIPTION	% ACTIVE MATERIAL	APPLICATION
B2306	SOLVEG GS	Glyceryl oleate, Sorbitan oleate	Solubilizer and Emulsifier	100%	Very good solubilizer and emulsifier with softening properties and very good conditioning effect.
B2207	BODY VEG	Ricinus Communis (Castor) Seed Oil, Copernica Cerifera (Carnauba) Wax, Lanolin	Blend of oil and wax	100%	Mix of oils and waxes with excellent emollient and softening properties; Very good straightening booster for hair/skin treatment.
PO661	ALCASUN VE	Tetradecane, helianthus annus seed oil, tocopherol	Liquid emollient easily biodegradable and not inflammable	100%	Replacement of the Cyclopentasiloxane, of vegetable origin. Used in the hair / skin care products; make up and suncreams.

RAW MATERIALS



COD.	PRODUCT	INCI	DESCRIPTION	% ACTIVE MATERIAL	APPLICATION
PO599	C15-19 ALKANE	C15-19 Alkane	Liquid emollient easily biodegradable and not inflammable	100%	Replacement of the Cyclopentasiloxane, of vegetable origin. Used in the hair / skin care products; make up and suncreams. Natural version available.
PO657	C13-15 ALKANE	C13-15 Alkane	Liquid emollient easily biodegradable and not inflammable	100%	Replacement of the Cyclopentasiloxane, of vegetable origin. Used in the hair / skin care products; make up and suncreams. Natural version available.
PO200	CYCLOPENTASILOXANE	Cyclopentasilosane	High quality volatile silicone fluid, with D4 content < 0.1%	100%	Carrier and volatile raw material with emollient, lubricating and relaxing action.
PO587	DISILOXANE	Disiloxane	Silicone fluid with very low viscosity, 0.65cSt, with high volatility	100%	Carrier and volatile raw material with relaxing and antistatic action.
PO653	DIMETHICONE 1,5 cSt	Dimethicone	Low viscosity silicone fluid, 1.5 cSt, high volatility. Not inflammable	100%	Carrier and volatile raw material with relaxing and antistatic action.
	DIMETHICONE	Dimethicone	Available in different viscosities	100%	Carrier and non-volatile raw material with emollient, lubricating and relaxing action. Soft and non-adhesive.
	DIMETHICONOL GUM	Dimethiconol	Dimethiconol gum with very high viscosity. Available in different viscosities	100%	Carrier and non-volatile raw material with emollient, lubricating and relaxing action. Soft and non-adhesive.
PO625	PHENYL TRIMETHICONE	Phenyl Trimethicone	Modified silicone fluid - phenyl, for cosmetic preparations	100%	Carrier and non-volatile raw material with lubricating and smoothing action. Glossy and non-adhesive yield, excellent for leave-in products.
PO551	AMODIMETHICONE	Amodimethicone	Modified silicone fluid - amino, for cosmetic preparations	100%	Carrier and non-volatile raw material with softening, emollient and smoothing action. Matt and non-oily rendering.
PO607	IDROSIL	Trimethylsiloxysilicate	Silicone resin powder with high hydrophobic capacity	100%	Excellent hydrophobic qualities making the skin smooth and providing a long-lasting effect.
PO608	SINTOSIL	Polymethylsilsesquioxane	Silicone resin powder with high texturizing capacity	100%	Excellent product capable of filling and reducing lines and fine lines of the skin, evening it out. It makes the final product easily spreadable and with a velvety texture.
PO658	TETRADECANE	Tetradecane	Hydrocarbon alkane; Volatile substance, to be used as a replacement for the cyclopentasiloxane	100%	Solvent: can be used to dissolve other substances in cosmetic products; Dispersing agent: helps to evenly distribute active ingredients on the skin or hair; Emollient: Helps to make the skin soft and smooth.
PO659	DODECANE	Dodecane	Hydrocarbon alkane; Volatile substance, to be used as a replacement for the cyclopentasiloxane	100%	Emollient: helps make the skin soft and smooth; Solvent: can dissolve other ingredients in cosmetic products; Dispersing agent: evenly distributes active ingredients on the skin or hair; Fragrance agent: improves the smell of the product; Texture agent: Provides a dry touch and rapid absorption capacity.
PO709	ISODODECANE	Isododecane	Saturated, colorless, odorless, volatile hydrocarbon; Volatile substance, to be used as a replacement for the cyclopentasiloxane	100%	Emollient: helps make skin soft and smooth; Solvent: dissolves other ingredients in cosmetic formulas, helping to create stable and well-mixed products; Dispersing agent: improves the distribution of active ingredients on the skin; Mattifying effect: Reduces skin shine, useful in products such as primers and mattifying creams; Water resistance: provides water-resistant properties, ideal for long-lasting products such as sunscreens and waterproof makeup; Lightness: provides a light, non-greasy feel on the skin, making it suitable for products that need to be applied without weighing it down.
PO708	PEG-10 DIMETHICONE	Peg-10 Dimethicone	Water-soluble silicone copolymer with 10 ethylene oxide units	100%	Excellent emulsifying properties in water-in-oil (W/O) and water-in-silicone (W/S) systems. Provides softness, shine, and improves combability.
PO667	PEG-12 DIMETHICONE	Peg-12 Dimethicone	Water-soluble silicone copolymer with 12 ethylene oxide units	100%	It improves skin texture, adds shine and makes hair easier to comb.
PO680	DIVICROSS	Dimethicone / Vinyl Dimethicone Crosspolymer	Cross-linked copolymer of dimethicone and vinyl dimethicone	100%	It improves the sensation on the skin, leaving it silky and smooth. It regulates the viscosity of creams and lotions.
PO594	DIMETISIL 18/18 P	PEG/PPG-18/18 Dimethicone	Ethoxylated and propoxylated silicone copolymer	100%	It lowers surface tension and acts as a co-emulsifier for water/oil emulsions. It improves the spreadability and texture of products, leaving a smooth, non-greasy feel.

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