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PRODUCTNAME	INCI	DESCRIPTION
OLIVATIS® 18	<i>OLIVE OIL POLYGLYCERYL-6 ESTERS & SODIUM STEAROYL LACTYLATE & CETEARYL ALCOHOL</i>	Natural O/W emulsifier blend. Suitable for various types of basic cosmetic emulsions. For thin and firm, buttery consistencies. Forms liquid crystal structures. Cosmos approved
OLIVATIS® 20	<i>OLIVE OIL POLYGLYCERYL-6-ESTERS, LAURYL GLUCOSIDE</i>	Cold-hot process O/W emulsifier. Especially for emulsions: sprayable to pourable. Ideal for wet wipe emulsions. This is because it only foams to a very limited extent and mildly. This allows solid facial cleansing powder to be formulated. Cosmos approved
OLIVATIS® 12C	<i>OLIVE OIL POLYGLYCERYL-6 ESTERS & POLYGLYCERYL-6 PENTAOLEATE</i>	Natural W/O and W/ Si emulsifier for very light and silky emulsions. Completely free of palm oil as a component. Forms liquid crystal structures and supports the water resistance of formulations. Nevertheless, it can be formulated with up to 80% water. Non-phototoxic and suitable for cold and hot processes. Very good electrolyte resistance. Cosmos approved
POLYPON GS E	<i>GLYCERYL STEARATE SE</i>	Self-emulsifying for O / W products, PEG-free, based on vegetable raw materials. Can also be used as a co-emulsifier and thickener for beneficial application properties, recipes with all types of cosmetic oils. Offers the possibility of forming lamellar liquid-crystalline and / or crystalline gel phases in a recipe with a high water content. Co-emulsifier in formulations with a low water content, combinations with other natural emulsifiers for improved stabilization possible, stable formulations with a pH value of 4.5 to 9.



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PRODUCTNAME	INCI	DESCRIPTION
CREAESTER MCP	<i>CETYL PHOSPHATE (AND) MAGNESIUM HYDROXIDE</i>	Especially for mascara products suitable anionic O / W emulsifier in powder form. Due to its high zeta potential, the product can emulsify large quantities of oil and pigments.
HETESTER PCA	<i>PROPYLENE GLYCOL CETETH-3 ACETATE</i>	Self-emulsifying emollient when used at 8-15% by weight in formulations of room temperature emulsions; used as an “anti-whitening“ substance for antiperspirant formulations with anhydrous, silicone essential oils in deodorant rollers. Due to the ,blooming‘ effect, it can be easily put into all types of O/W emulsion systems. Acts as an emulsifier and at the same time, as an emollient: as such it is usable as a primary emollient in oil-free lotion.
HETESTER PHA	<i>PROPYLENE GLYCOL ISOCETETH-3 ACETATE</i>	Emulsifier with an HLB value of 18 suitable for emulsions which are produced in the cold process or at room temperature.
OLIVATIS® 21	<i>OLIVE OIL PEG-6 ESTERS & OLIVE OIL POLYGLYCERYL-6 ESTERS</i>	Liquid universal emulsifier which forms liquid crystal structures. Oil-soluble. Compatible with all cosmetic ingredients.
OLIVATIS® 15C	<i>OLIVE OIL PEG-8 ESTERS</i>	100% water-soluble, olive oil-based, very mild surfactant with an excellent dermatological profile. Forms liquid crystal structures. Also serves as a moisturiser for skin and hair in rinse-off formulations.
POLYPON DGGO	<i>DECYL GLUCOSIDE, GLYCERYL OLEATE</i>	Concentrated "ready to use" basis for easy manufacture of high quality cosmetic cleaning agents.



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PRODUCTNAME	INCI	DESCRIPTION
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Gel-Emulsifier

CREAGEL EZ 4	<i>SODIUM ACRYLATE / SODIUM ACRYLOYLDIMETHYL TAURATE COPOLYMER (AND) C13-14 ISOPARAFFI (AND) LAURETH-7</i>
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CREAGEL EZ 7	<i>POLYACRYLAMIDE (AND) HYDROGENATED POLYDECENE (AND) LAURETH-7</i>
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CREAGEL EZ IH	<i>SODIUM ACRYLATE / SODIUM ACRYLOYLDIMETHYL TAURATE COPOLYMER (AND) ISOHEXADECANE</i>
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CREAGEL EZ IN	<i>SODIUM ACRYLATE / SODIUM ACRYLOYLDIMETHYL TAURATE COPOLYMER (AND) ISONONYL ISONONANOATE</i>
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CREAGEL EZ VS	<i>SODIUM ACRYLATE / SODIUM ACRYLOYLDIMETHYL TAURATE COPOLYMER (AND) SQUALANE</i>
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STABYLEN 30	<i>ACRYLATES / VINYL ISODECANOATE CROSSPOLYMER</i>
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Creagel EZ is a range of auto-emulsifiers for cold processes. They are based on polymers and various emollients. Creagel EZ can be used as primary emulsifier or as co-emulsifier to produce milky gel emulsions with a soft and non-tacky skin feel. Creagel EZ are safe and non-irritating as they are fully polymerized. The monomer content is guaranteed to be below 0,1 ppm. Creagel EZ can be used in both hot and cold processes, and they can be added into formulations even after emulsification in case further increase in viscosity and emulsion stability is desired. Creagel EZ function in wide range of pHs, normally between 4-9, and in case of Creagel EZ IN, even up to pH 12.

Very good emulsifying properties (0,25% emulsify up to 30% emollients with different polarity), high salt resistance, improved cushion. The product is also suitable for the formulation of sun protection products with a high concentration of UV filters.

Emulsifiers



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PRODUCTNAME	INCI	DESCRIPTION
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Emulsifier-Bases

BIOMETHICS LHS	<i>SUCROSE STEARATE (AND) LIMNANTHES ALBA (MEADOWFOAM) SEED OIL (AND) HYDROGENATED LECITHIN (AND) XANTHAN GUM (AND) TOCOPHEROL</i>	
BIOMETHICS CPS W/O		
BIOMETHICS CPS O/W	<i>SOLANUM TUBEROSUM STARCH (AND) WATER (AND) SQUALANE (AND) LIMNANTHES ALBA (MEADOWFOAM) SEED OIL (AND) HYDROGENATED LECITHIN (AND) XANTHAN GUM (AND) TOCOPHERYL ACETATE</i>	
BIOMETHICS W/O	<i>SOLANUM TUBEROSUM STARCH (AND) LIMNANTHES ALBA (MEADOWFOAM) SEED OIL (AND) SQUALANE (AND) XANTHAN GUM (AND) HYDROGENATED LECITHIN (AND) TOCOPHEROL</i>	
BIOMETHICS O/W	<i>SOLANUM TUBEROSUM STARCH (AND) WATER (AND) SQUALANE (AND) SUCROSE STEARATE (AND) LIMNANTHES ALBA (MEADOWFOAM) SEED OIL (AND) HYDROGENATED LECITHIN</i>	

Biomethics emulsifiers are based on natural ingredients and bring excellent softness to emulsions. As they do not contain traditional surfactants and PEGs, they do not disrupt skin's natural barrier in the same way as traditional emulsifier do. Biomethics emulsifiers can be used as traditional hot process emulsifiers and the range off Biomethics CPS alternatives for cold processing.

POLYPON 165	<i>GLYCERYL STEARATE (AND) PEG-100 STEARATE</i>	Acid-stable emulsifier, suitable for all types of cosmetic emulsions, including those with a high fat phase content. Recommended for non-polar systems and for emulsions that contain glycolic acid. Dosage: 5-8%.
POLYPON CAC 20	<i>CETEARYL ALCOHOL (AND) CETEARETH-20</i>	O/W emulsifier, suitable for liquid emulsions that contain a high percentage of oils. Liquid emulsions, such as lotions and milk, with very good stability and a beautiful appearance, can be produced using oils of a low polarity in percentages of 4-10%. Dosage: 4-8%.

Emulsifiers



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Classic Emulsifier

POLYPON 9 S	PEG-9 STEARATE	O/W emulsifier for creams, ointments and lotions.
POLYPON C 20	CETEARETH-20	
POLYPON C 25	CETEARETH-25	
POLYPON L 3	LAURETH-3	Ethoxylated derivatives from various fatty alcohols that are soluble or dispersible in water according to their HLB value. Their chemical structure makes them stable in both alkaline and acidic solutions. Enables the development of stable cosmetic products, even in the presence of polar oils and substances that are difficult to emulsify. Generally used in O / W emulsions, but also suitable for combining W/O systems for creams, milk and lotions.
POLYPON L 4	LAURETH-4	
POLYPON L 23	LAURETH-23	
POLYPON PS 20	POLYSORBATE 20	O/W emulsifier, can also be used as a solubiliser for vitamins, active ingredients, perfumes and flavours and as a co-surfactant in very mild detergents.
POLYPON P30	PEG-30 DIPOLYHYDROXYSTEARATE	Solid, waxy, synthetic vegetable-based emulsifier for a variety of cosmetic formulations.

Emulsifiers



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PRODUCTNAME	INCI	DESCRIPTION
POLYPON G 3 S	<i>POLYGLYCERYL-3 STEARATE</i>	Vegetable based emulsifier for the production of cosmetic emulsions and creams.
POLYPON G 4 L	<i>POLYGLYCERYL-4 LAURATE</i>	Polyglycerol ester with surfactant and emulsifying properties and excellent long-term heat and cold stability. Suitable for cold and hot processes.
POLYPON C H2 L	<i>CETEARYL ALCOHOL, CETEARETH -20, CETEARETH -30, LAURYL MYRISTYL ALCOHOL</i>	Non-ionic emulsifier mixture for hair care, creams containing hydrogen peroxide and dyes.