

# Emulsifiers & Cream Bases – Specialties

## Multi-skilled actors in your formulation



Product information										Application & Performance									
Trade name	INCI name	Emulsion	Type	Rec. dosage % (as is)	Physical form	HLB*	IECIC	Eco-status	EO	Application					Texture				Benefits
										Face / Body Care	Sun Care	Color Care	Hair Care	AP/ Deo	Spray	Lotion	Creamy texture	Gel texture	
EUMULGIN® SG	Sodium Stearoyl Glutamate	O/W	Anionic	0.25 - 2	Powder	23	✓		No										Very strong emulsifier with very good electrolyte and water-soluble sun filter compatibility, works at low concentration, ideal for high SPF values.
EUMULGIN® PRISMA	Disodium Cetearyl Sulfosuccinate	O/W	Anionic	0.25 - 3	Powder	31	✓		No										Very strong emulsifier, economic and flexible product for various applications especially sun care with high SPF values, very skin compatible.
EMULGADE® PL 68/50	Cetearyl Glucoside (and) Cetearyl Alcohol	O/W	Nonionic	2 - 4	Pellets	11	✓		No										Very mild APG-based cream base, very suitable for lamellar structures, fits to bio-mimetic concepts, supports skin softness.
EMULGADE® PL 16-18	Cetearyl Alcohol (and) Cetearyl Glucoside	O/W	Nonionic	2 - 5	Pellets	11	✓		No										a versatile plant-based emulsifier suitable for making natural cosmetic products
EUMULGIN® VL 75	Lauryl Glucoside (and) Polyglyceryl-2 Dipolyhydroxystearate (and) Glycerin	O/W	Nonionic	3 - 4	Liquid	9	✓		No										Cold processable emulsifier, very suitable for low-viscous systems, high flexibility regarding oil phase, very good make-up remover capacity.
CREMOPHOR® GS 32	Polyglyceryl-3 Distearate	O/W	Nonionic	2 - 5	Powder	9	✓		No										Suitable for emulsions with high concentration of natural oils and UV filters.
EMULGADE® SE PF	Glycerol Stearate (and) Ceteareth-20 (and) Ceteareth-12 (and) Cetearyl Alcohol (and) Cetyl Palmitate	O/W P.I.T.	Nonionic	4 - 8	Pellets	15	✓		Yes										Balanced cream base for P.I.T. systems and traditional o/w emulsions, high emollient flexibility, good electrolyte stability.
EMULGADE® NLB	Stearth-2 (and) Ceteareth-12 (and) Stearyl Alcohol (and) Ceteareth-20 (and) Distearyl Ether	O/W	Nonionic	2 - 5	Wax	10	-		Yes										Well balanced, robust cream base, suitable for low pH values, low viscosities and high levels of electrolytes like in AP/Deo roll-ons.
DEHYMULS® LE	PEG-30 Dipolyhydroxystearate	W/O	Nonionic	2 - 5	Waxy solid	6	✓		Yes										W/O emulsifier for viscosities from fluids to creams, with a strength for low viscous systems, compatible with a variety of emollients.
DEHYMULS® PGPH	Polyglyceryl-2 Dipolyhydroxystearate	W/O SWOP	Nonionic	3 - 5	Liquid	5	✓		No										Universal emulsifier for all W/O emulsions, flexible in use with ethanol and emollients – independent of emollients.

Status: July 2022



\* approx. HLB value based on the emulsifying component

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# Emulsifiers & Cream Bases – Standards

## Reliable actors in your formulation



Product information											Application & Performance
	Trade name	INCI name	Emulsion	Type	Rec dosage % (as is)	Physical form	HLB*	IECIC	Eco Status	EO	Benefits
Sulfates	EMULGADE® F	Cetearyl Alcohol (and) PEG-40 Castor Oil (and) Sodium Cetearyl Sulfate	O/W	Nonionic/anionic	3 - 8	Pellets	23	✓		Yes	Self-emulsifying cream base for various o/w emulsions including hair coloring, suitable for low viscous systems
	LANETTE® E	Sodium Cetearyl Sulfate	O/W	Anionic	0,1 - 2	Granules	38	✓		No	Anionic standard emulsifier for various o/w emulsions
	LANETTE® N	Cetearyl Alcohol (and) Sodium Cetearyl Sulfate	O/W	Anionic	3 - 10	Pellets	38	✓		No	Self-emulsifying cream base composed of Cetearyl Alcohol and anionic emulsifier for all kinds of cosmetic O/W emulsions
	LANETTE® SX	Cetearyl Alcohol (and) Sodium Lauryl Sulfate (and) Sodium Cetearyl Sulfate	O/W	Anionic	3 - 10	Pellets	39	✓		No	Self-emulsifying cream base composed of Cetearyl Alcohol and anionic emulsifier for all kinds of cosmetic O/W emulsions
Miscellaneous	CUTINA® FS 45	Stearic Acid (and) Palmitic Acid	O/W	Anionic	0,1 - 2	Flakes	18	✓		No	Natural based fatty acid emulsifier, mixture of palmitic and stearic acid for skin care emulsions incl. color cosmetics
	CUTINA® GMS SE	Glyceryl Stearate SE	O/W	Anionic	4 - 8	Powder	18	✓		No	Natural based cream base for easy emulsification, well suited for hair care emulsions
	LAMEFORM® TGI	Polyglyceryl-3 Diisostearate	W/O	Nonionic	1 - 4	Liquid	4	✓		No	Good co-emulsifier for W/O and O/W emulsions, good dispersion ability of pigments, good for decorative formulations
	MONOMULS® 90 O 18	Glyceryl Oleate	W/O	Nonionic	1 - 3	Paste	3	✓		No	Natural based emulsifier for W/O emulsions, co-emulsifier for O/W systems, lipid layer enhancer
Ethoxylates	EMULGADE® 165	Glyceryl Stearate (and) PEG-100 Stearate	O/W	Nonionic	2 - 10	Pellets	19	✓		Yes	All purpose standard O/W self emulsifying cream base for all kinds of skin care applications
	EMULGADE® 1000 NI	Cetearyl Alcohol (and) Ceteareth-20	O/W	Nonionic	4 - 8	Pellets	15	✓		Yes	Self-emulsifying cream base with very good emulsification properties, suitable for all kinds of O/W emulsions
	EUMULGIN® B 1 EUMULGIN® B 2 EUMULGIN® B 25 EUMULGIN® B 3	Ceteareth-12 Ceteareth-20 Ceteareth-25 Ceteareth-30	O/W	Nonionic	2 - 4	Wax-like mass Pellets/Flakes Microbeads Pellets	14 15 16 17	✓ ✓ ✓ ✓		Yes	All-purpose emulsifiers, suitable for emulsions with low pH value, high electrolyte concentrations and P.I.T. technology
	EUMULGIN® S 2 EUMULGIN® S 21	Steareth-2 Steareth-21	O/W	Nonionic	2 - 4	Solid Pellets	6 16	✓ ✓		Yes	Nonionic emulsifiers for skin care emulsions, especially suitable for O/W antiperspirant roll-ons
	LANETTE® WAX AO	Cetearyl Alcohol (and) Ceteareth-30	O/W	Nonionic	2 - 20	Pellets	17	✓		Yes	Self-emulsifying cream base for spontaneous and easy emulsification, allows for stable emulsions also at low pH values

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Natural Modified Eco Hybrids Hybrids Synthetics

\* approx. HLB value based on the emulsifying component

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