

POLYPON PORTFOLIO



We at POLYGON CHEMIE AG have expanded our personal care product portfolio. With our POLYPON products we provide a wide range of personal care ingredients, such as emollients or emulsifiers. Among emollients based on natural fatty acid esters you will find raw materials with different spreading, volatility and polarity, depending on what is desired.

Emulsifiers like ethoxylated derivatives from various natural fatty alcohols or acids are soluble or dispersible in water according to their HLB value. Their chemical structure makes them stable in both alkaline and acidic solutions. They enable the development of stable cosmetic products, even in the presence of polar oils and substances that are difficult to emulsify. They are generally used in O / W emulsions, but they are also suitable for combining W/O systems for creams, milk and lotions. PEG-free emulsifiers such as glyceryl esters are also available, which are used particularly in sustainable personal care products.

PRODUCT CLASSES

Emollients

Fatty acid esters

Emulsifiers

Ethoxylated fatty alcohols

Ethoxylated fatty acids

Glycerol esters

Co-emulsifiers

Fatty alcohols

Solubilizers

Sorbitan esters / polysorbates

Ethoxylated triglycerides

Conditioners

Cationics

Viscosity builders

Alkanolamides

Surfactants / foam boosters

Sulfosuccinates

Sarcosinates

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PRODUCT	INCI
POLYPON AB	<i>C12-15 Alkyl Benzoate</i>
POLYPON CCT	<i>Caprylic/Capric Triglyceride</i>
POLYPON C20	<i>Ceteareth-20</i>
POLYPON C25	<i>Ceteareth-25</i>
POLYPON CA 30/70	<i>Cetearyl Alcohol 30/70</i>
POLYPON CA 50/50	<i>Cetearyl Alcohol 50/50</i>
POLYPON CAC 20	<i>Cetearyl Alcohol, Ceteareth-20</i>
POLYPON CET	<i>Cetearyl Alcohol, Ethyl Hexyl Stearate, Cetrimonium Chloride, Ceteareth-20</i>
POLYPON 16	<i>Cetyl Alcohol</i>
POLYPON DEA	<i>Cocamide DEA</i>
POLYPON CGGO	<i>Coco Glucoside, Glyceryl Oleate</i>
POLYPON DO	<i>Decyl Oleate</i>
POLYPON DLS	<i>Disodium Laureth Sulfosuccinate</i>
POLYPON EP	<i>Ethylhexyl Palmitate</i>
POLYPON GS	<i>Glyceryl Stearate</i>
POLYPON GS E	<i>Glyceryl Stearate SE</i>

PRODUCT	INCI
POLYPON 165	<i>Glyceryl Stearate, PEG-100 Stearate</i>
POLYPON HCO	<i>Hydrogenated Coconut Oil</i>
POLYPON IO	<i>Isodecyl Oleate</i>
POLYPON IN	<i>Isononyl Isonanoate</i>
POLYPON L23	<i>Laureth-23</i>
POLYPON L3	<i>Laureth-3</i>
POLYPON L4	<i>Laureth-4</i>
POLYPON PEGM	<i>PEG-200 Hydrogenated Glyceryl Cocoate, PEG-7 Glyceryl Cocoate</i>
POLYPON HC 40	<i>PEG-40 Hydrogenated Castor Oil</i>
POLYPON HC 40 90%	<i>PEG-40 Hydrogenated Castor Oil, aqua</i>
POLYPON HC 60	<i>PEG-60 Hydrogenated Castor Oil</i>
POLYPON PE7	<i>PEG-7 Glyceryl Cocoate</i>
POLYPON 8S	<i>PEG-8 Stearate</i>
POLYPON PS20	<i>Polysorbate 20</i>
POLYPON SL	<i>Sodium Lauroyl Sarcosinate</i>

Further products available upon request.