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Fatty acids

Application

Fatty acids can be used in cosmetic applications as co-emulsifier as well as consistency provider in emulsions. Fatty acids can have a spreading effect and can provide a soft skin feeling. Our vegetable fatty acids on palm and rapeseed base are available in different qualities and concentrations. A Mass Balance (MB) certification according to the RSPO is also possible for most products.

Short chain fatty acids

Tradename	Chemical	CAS-Nr.	Composition						
			C6	C8	C10	C12	C14	C16	C18
Palmera® A9908	Caprylic acid	124-07-2	≤ 1 %	≥ 99 %	≤ 1 %	-	-	-	-
Palmera® A9910	Capric acid	334-48-5		≤ 1 %	≥ 99 %	≤ 1 %	-	-	-
Palmera® A5608	Caprylic-Capric Acid Blend	68937-75-7	≤ 0,5%	53-63%	35-45%	≤ 1,5%	-	-	-

Medium chain fatty acids

Tradename	Chemical	CAS-Nr.	Composition						
			C8	C10	C12	C14	C16	C18	C18:1
Palmera® A9912	Lauric acid	143-07-7	-	≤ 1%	≥ 99%	≤ 1%	-	-	-
Palmera® A9914	Myristic acid	544-63-8	-	-	≤ 1%	≥ 99%	≤ 1%	-	-
Palmera® A9816	Palmitic acid	57-10-3	-	-	-	≤ 2%	≥98%	≤ 2%	-
Palmera® B1210	distilled coconut fatty acid	67701-05-7	5 – 10%	4 – 8.5%	45 – 56%	15 – 21%	8 – 13%	0.5 – 3%	3 – 9%
Palmera® B1212	Topped coconut fatty acid	67701-05-7	≤ 1.5%	-	51 – 58%	21 – 24%	9 – 13%	1 – 5%	5 – 9%
Palmera® B1220	distilled palm kernel fatty acid	67701-05-7	-	≤ 1.6%	40 – 60%	14 – 20%	6 – 12%	≤ 5%	12 – 22%

Long chain fatty acids

Tradename	Chemical	CAS-Nr.	Composition						
			C16	C18	C18:1	C18:2	C20	C22	≥ C22:1
Palmera® A9818	Stearic acid	57-11-4	≤ 1.5%	≥ 98%	-	-	≤ 1%	-	-
Palmera® A1813	Oleic acid	112-80-1	-	-	≥ 75%	≤ 13%	-	-	-
Palmera® A1818	Oleic acid	112-80-1	-	-	≥ 70%	≤ 18%	-	-	-
Palmera® A2290	Erucic acid	112-86-7	-	-	-	-	-	≤ 3%	≤ 97%
Palmera® A8522	Behenic acid	112-85-6	-	-	-	-	≤ 9%	85 - 89%	-
Palmera® B1802	Triple pressed stearic acid	67701-03-5	48 – 55%	45 – 51%	-	-	≤ 1%	-	-
Palmera® B1802CG	Stearic acid	67701-03-5	42 – 49%	47 – 56%	-	-	-	-	-
Palmera® B1804	Stearic acid	67701-03-5	40 – 52%	45 – 54%	-	-	-	-	-
Palmera® IS-10	Isostearic acid	30399-84-9	-	-	-	-	-	-	-
Edenor® SJ	Soybean fatty acid	67701-08-0	9 – 12%	≤ 6%	20 – 29%	47-58%	-	-	-

Fatty acid esters

Application

The plant based esters of different fatty acid fractions have consistency improving as well as lubricating and greasy characteristics. Additionally the products can be used as emulsifiers, carriers or release agents. A Mass Balance (MB) certification according to the RSPO is also possible for most products.

Tradename	Chemical	CAS-Nr.	Base oil	Emollient	Solvents and binders	Skin care	Antistatic	Viscosity modifier	Lubricant	Carrier	Origin
Palmester® 1413	Ethylhexyl Oleate	26399-02-0	•	•	•				•		Palm
Palmester® 1451	N-Butyl Stearate	85408-76-0 / 123-95-5	•		•				•		Palm
Palmester® 1543	Ethylhexyl Palmitate	29806-73-2	•	•							Palm
Palmester® 1545	Ethylhexyl Stearate	22047-49-0	•	•	•				•		Palm
Palmester® 1547	Ethylhexyl Cocoate	92044-87-6		•							Palm
Palmester® 1512	Isopropyl Myristate	110-27-0		•	•	•					Palm
Palmester® 1517	Isopropyl Palmitate	142-91-6		•	•	•	•				Palm
Palmester® 3550	Caprylic Triglyceride	538-23-8		•	•					•	Palm
Palmester® 3585	Caprylic/Capric Triglyceride 70/30	65381-09-1		•	•	•		•		•	Palm
Palmester® 3590	Caprylic/Capric Triglyceride 60/40	65381-09-1 / 73398-61-5		•	•	•				•	Coconut/ rapeseed
Palmester® 3595	Caprylic/Capric Triglyceride 60/40	65381-09-1		•	•	•		•		•	Palm
Plantera® ES10	Coconut Derived MCT	65381-09-1 / 73398-61-5		•	•	•		•		•	100% Coconut

Fatty alcohols

Application

Fatty alcohols are mainly used as consistency providers and co-emulsifiers in emulsions. Popular areas of application are creams, peelings, as well as hair care products and washing lotions. A Mass Balance (MB) certification according to the RSPO is also possible for most products.

Tradename	Chemical	CAS-Nr.	Spread						
			C8	C10	C12	C14	C16	C18	≥ C20
Palmerol® 1299	Lauryl alcohol	112-53-8	-	≤ 0.5%	≥ 99%	≤ 0.5%	-	-	-
Palmerol® 1498	Myristyl alcohol	112-72-1	-	-	≤ 2.0%	≥ 98%	≤ 2%	-	-
Palmerol® 1214	Lauryl myristyl alcohol	80206-82-2	-	≤ 1%	70 – 78%	24 – 29%	≤ 1%	-	-
Palmerol® 1216	Lauryl-Cetyl-Alkohol	80206-82-2	≤ 0.3%	≤ 1%	65 – 71%	22 – 28%	4 – 8%	≤ 0.5%	-
Palmerol® 1216S	Lauryl-Cetyl-Alkohol	80206-82-2	≤ 0.3%	≤ 1%	76 – 86%	10 – 16%	4 – 8%	≤ 0.5%	-
Palmerol® 1218	Lauryl-Stearyl-Alkohol	67762-25-8	-	≤ 3%	47 – 58%	15 – 22%	8 – 15%	13 – 25%	≤ 1%
Palmerol® 1698	Cetyl-Alkohol	36653-82-4	-	-	-	≤ 1%	≥ 98%	≤ 1%	-
Palmerol® 1899	Stearyl-Alkohol	112-92-5	-	-	-	-	≤ 0.5%	≥ 99%	≤ 0.5%
Palmerol® 6830	Ceto-Stearyl / Cetearyl-Alkohol	67762-27-0	-	-	-	≤ 2.5%	22 – 32%	65 – 75%	≤ 1%
Palmerol® 6850	Ceto-Stearyl / Cetearyl-Alkohol	67762-27-0	-	-	-	≤ 2.5%	45 – 55%	45 – 55%	≤ 1%
Palmerol® 6870	Ceto-Stearyl / Cetearyl-Alkohol	67762-27-0	-	-	-	≤ 1%	65 – 75%	25 – 35%	≤ 1%

Glycerin & Triacetin

Application

Glycerin is used as a lubricant in a variety of cosmetic applications. In addition glycerin protects the skin from drying out and from irritations. The Portfolio contains Glycerin in its 99,5% pure form and a 86,5% variety mixed in water. Technical, cosmetic as well as pharmaceutical qualities are available. A Mass Balance (MB) certification according to the RSPO is also possible for most products.

Tradename	Chemical	CAS-Nr.	Activ content	Quality
Palmera® G865V	Glycerin	56-81-5	86.5%	Cosmetic – Vegetal – NON-GMO
Palmera® G995V	Glycerin	56-81-5	99.5%	Cosmetic – Vegetal – NON-GMO
Palmera® G865E	Glycerin	56-81-5	86.5%	Pharma (EP) – Vegetal – NON-GMO
Palmera® G995E	Glycerin	56-81-5	99.5%	Pharma (EP) – Vegetal – NON-GMO
Edenor® GTF	Triacetin	102-76-1	99,7%	Food Grade – Palm-free – Food Grade

Benzaldehyde / Benzyl alcohol / Sodium benzoate

Application

Benzyl alcohol and sodium benzoate are used in cosmetic emulsions as well as in surfactants as powerful preservatives. Benzaldehyde is used in the manufacturing of pharmaceuticals and flavorings.

Benzaldehyde

Tradename	Active content	CAS-Nr.	Application
Kalama® Benzaldehyde FCC	Min. 99,5%	100-52-7	Pharmaceuticals, perfumes, flavorings, acridine dyes

Benzyl alcohol

Tradename	Active content	CAS-Nr.	Application
Kalama® Benzyl Alcohol – NF/FCC	Min. 99,9%	100-51-6	Solvents, synthesis bases, preservatives

Sodium benzoate

Tradename	Form	CAS-Nr.	Application
Purox® – NF/FCC High Purity	Beads	532-32-1	Cosmetics, food, adhesives

Minerals

Application

Kaolin can be used as mask base, in cleaning pastes and ointments but also as basis for different powders. It is also popular for stabilizing emulsions. In cosmetic applications there is the possibility to use it as a liquid absorber.

Tradename	INCI	CAS-Nr.	Description
Pharmakaolin B860	Kaolin	1332-58-7	EP compliant kaolin
Pharmakaolin K900	Kaolin	1332-58-7	EP compliant kaolin

Zinc oxide

Application

Zinc oxide has an antiseptic and antimicrobial effect in cosmetic applications. Furthermore it protects the skin from UV radiation and supports wound healing as ingredient. In addition to its suitability for sensitive skin, zinc oxide also acts as an odor absorber in deodorants.

Tradename	INCI	CAS-Nr.	Description
ZnO Cosmetic Grade	Zinc Oxide	1314-13-2	Halal & Ecocert certified

Sugar alcohols and starch based raw materials

Application

Sorbitol, also known as Sorbit, belongs to the sugar alcohols and is made from glucose syrup, wheat and/or corn. The product is used as carrier, sweetener and humectant in products such as tablets, toothpaste or mouthwash products.

Tradename	INCI	CAS-Nr.	Description
Meritol® 160	Sorbitol	50-70-4	Liquid, non-crystallizing sorbitol
Meritol® 161	Sorbitol	50-70-4	Liquid, non-crystallizing sorbitol
Merisorb® 200	Sorbitol	50-70-4	Crystalline sorbitol
Merisorb® 300	Sorbitol	50-70-4	Crystalline sorbitol

Vegetable Oils

Application

Vegetable oils are esters of glycerin with fatty acids so-called triglycerides. These natural raw materials can be used in various applications. Vegetable oils are known for their spreading and moisturizing effect and are used in cosmetic products such as creams, lotions and shampoos. They can also be used in food, pharmaceutical, nutraceutical and technical products.

Our vegetable oils are available in pressed and refined quality. A certified organic quality is also available.

Tradename	INCI
Almond Oil	Prunus Amygdalus Dulcis
Apricot Kernel Oil	Prunus Armeniaca Kernel Oil
Broccoli Seed Oil	Brassica Oleracea Italica Seed Oil
Golden Jojoba Oil	Simmondsia Chinensis Seed Oil
Colorless Jojoba Oil	Simmondsia Chinensis Seed Oil
Macadamia Nut Oil	Macadamia Integrifolia Seed Oil
Rose Hip Seed Oil	Rosa Moschata Seed Oil
Sea Buckthorn Pulp Oil	Hippophae Rhamnoides Fruit Oil

	Printing inks	Lubricants	Paints & Varnishes	Wood Care Coating	Pigment pastes	Surfactants	Soaps
Linseed oil varnish	•		•		•		
Linseed oil	•		•	•	•		
Castor oil				•			•
Rapseed oil		•	•	•	•	•	
Sunflower oil		•	•			•	
Soy bean oil	•		•	•	•		

Active cosmetic ingredients

Application

The Portfolio consist of several different active cosmetic ingredients, which are used in different applications for example the long-term retention of skin moisture.

Tradename	INCI	CAS-Nr.	Quality / Quantity
AquaJuve™	Sodium Hyaluronate	9004-61-9	High performance hyaluronic acid in various molecular weights
HyaRius™	Sodium Hyaluronate	9004-61-9	Hyaluronic acid in various molecular weights
DuoLux	Pullulan	9057-02-7	Cosmetic and Food Quality
Allantoin	Allantoin	97-59-6	25kg Container
D-Panthenol 75W	Panthenol	81-13-0	25kg container, 200kg drum, 1000kg IBCs
D-Panthenol 98% USP	Panthenol	81-13-0	10kg container
D-Panthenol 50% in Propylenglycol	Panthenol	16485-10-2	20kg Container
Vitamin E Acetat	Tocopheryl Acetat	7695-91-2	20kg Container
Niacinamide	Niacinamide	98-92-0	25kg Container
D-Biotin USP	Biotin	58-85-5	1kg Container, 10kg Container
Caffeine Anhydrous BP/USP	Caffeine	58-08-2	20kg Container
Glycine USP	Glycine	56-40-6	25kg Container
Salicylic acid	Salicylic Acid	69-72-7	25kg Container
Sodium Salicylate	Sodium Salicylate	54-21-7	25kg Container
Cetylpyridinium Chloride Monohydrate	Cetylpyridinium Chloride	6004-24-6	25kg Container

Preservatives

Classic preservatives

Application

Our portfolio contains different preservatives that are commonly used in cosmetic and pharmaceutical applications.

Tradename	INCI	Application	pH value	Use concentration
Neolone PH100	Phenoxyethanol	Leave On & Rinse Off	6.8 – 7.2	Max. 1.0%
Kathon CG	Methylchloroisothiazolinon / Methylisothazolinone	Rinse Off	1.7 – 3.7	Max. 0,1%
Ethylhexylglycerin	Ethylhexylglycerin	Leave On & Rinse Off	2.0 – 12.0	0.3% - 1.0%

Parabens

Application

Parabens are esters of the para-hydroxybenzoic acid and serve as preservatives in pharmaceuticals, cosmetics and in the food industry due to their strong antimicrobial and fungicidal effects. The different available qualities comply with certain pharmacopoeias such as EP, BP and USP.

Tradename	INCI	CAS-Nr.
Methyl Paraben	Methyl Paraben	99-76-3
Sodium Methyl Paraben	Sodium Methyl Paraben	5026-62-2
Propyl Paraben	Propyl Paraben	94-13-3
Sodium Propyl Paraben	Sodium Propyl Paraben	35285-69-9
Ethyl Paraben	Ethyl Paraben	120-47-8
Sodium Ethyl Paraben	Sodium Ethyl Paraben	35285-68-8

Our partners and their tradenames

KLK OLEO Excellence in Oleochemicals	Palmester® / Palmera® /Palmerol® / Kosteran® / Palmosalt®
JOYVO A WEIKEM COMPANY fci	AquaJuve™ / HyaRius™
LANXESS	Kalama® / Purox® / Kathon / Neolon
JUBILANT LIFESCIENCES	Cetylpyridinium Chloride Monohydrate, Niacinamide
HPF The Mineral Engineers A DIVISION OF QUARZWERKE GROUP	Pharmakaolin
Tereos	Merisorb® / Meritol®
Grillo Zinkoxid GmbH	Zinkoxid
UENO	Parabene

Your contact partners in Germany, Austria and Switzerland

Jonas Henning
Product Manager
Phone: +49 40 32008-412
Fax: +49 40 32008-672
Mobile: +49 151 18943719

Jan Hendrik Brakmann
Sales Manager
Phone: +49 40 32008-404
Fax: +49 40 32008-672
Mobile: +49 170 2943142

Kevin Kao
Sales Manager
Phone: +49 40 32008-701
Fax: +49 40 32008-672
Mobile: +49 160 99644172

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Published by:
Biesterfeld Spezialchemie GmbH – Essentials
Ferdinandstrasse 41
20095 Hamburg

Tel: +49 40 32008 0
Fax: +49 40 32008 672
essentials@biesterfeld.com
www.biesterfeld.com

Registered Office:
Hamburg, Commercial Register: AG Hamburg, HRB 66970, USt-IdNr. DE 196 930 661

Managing Director:
Peter Wilkes, Sergej Lazovic

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Biesterfeld Spezialchemie GmbH
Ferdinandstrasse 41
20095 Hamburg
Phone: +49 40 32008-0
Fax: +49 40 32008-672
www.biesterfeld.com

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