



**Biesterfeld**

*Competence in Solutions*



**2024**

Personal Care &  
Essentials Nordics

# Active Cosmetic Ingredients

## Actives

### Application

The Portfolio consist of several different active cosmetic ingredients, which are used in various 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 acids 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 IBC
D-Panthenol 98% USP	Panthenol	81-13-0	10kg Container
Vitamin E Acetate	Tocopheryl Acetate	7695-91-2	20kg Container
Niacinamide	Niacinamide	98-92-0	25kg Container
D-Biotin USP	Biotin	58-85-5	1kg Container, 10kg Container
Piroctone Olamine	Piroctone Olamine	68890-66-4	20kg 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
Cetylpyridinium Chloride Mono-hydrate	Cetylpyridinium	6004-24-6	25kg Container
Diethyl Hexyl Butamido Triazone	Diethylhexyl butamido Triazone	154702-15-5	UV filter
Ethyl Hexyl Triazone	Ethylhexyl Triazone	88122-99-0	UV filter
Homo Menthyl Salicylate (Homo-salate)	Homo Menthyl Salicylate	118-56-9	UV filter
Octocrylene	Octocrylene	6197-30-4	UV filter
Octyl Methoxy Cinnamate	Ethylhexyl Methoxycinnamate	5466-77-3	UV filter
Vitamin C	Ascorbic Acid	50-81-7	Food/Cosmetic, 20kg and 25kg
Potassium Sorbat	Potassium Sorbat	24634-61-5	

## Actives

Product	INCI	Application	Use Level (%)	Cosmos approved	Cosmos certified	China compliant
PAM EXTRACT®	GLYCERIN, AQUA, CITRUS GRANDIS SEED EXTRACT	PURIFYING AND PEELING SYSTEM : reduction of spots and blackheads	2-4	v	v	v
PRODHYCORE®	AQUA, CITRIC ACID, GLYCOLIC ACID, LACTIC ACID, MANDELIC ACID	PURIFYING AND PEELING SYSTEM	1-10			v
PRODHYDERM® XPP CE	GLYCERIN, QUERCUS ROBUR WOOD EXTRACT, CITRIC ACID, POTASSIUM SORBATE, SODIUM BENZOATE	ANTI-AGING AGENT visibly improving wrinkle depth	1,3	v		v
UREE 46% (use level < 5%)	UREA	Strong hygroscopic power improving epidermis ability to attract and hold water. Can also help to enhance active penetration	0.1-3			v

## Natural plant-based scents

Product	Supplier	INCI	Form	Solubility
Aromatic Extract	Carrubba	Plant Part, Carrier, Extract (Aroma)	Liquid	Water & Oil
Botanical Extract	Carrubba	Plant Part, Carrier, Extract	Liquid	Water & Oil
Essential Waters	Carrubba	Plant Part, Water	Liquid	Water
Essential Oils	Carrubba	Plant Part, (Carrier), Oil	Liquid	Oil
Fragrances	Carrubba	Fragrance (Parfum)	Liquid	Water & Oil
Flavors	Carrubba	Flavor	Liquid	Water & Oil

We can provide a big variety of (customized) plant-based scents in different styles with different functions for individual formulations. For example, Flavors are perfect for every lip care formulation. Aromatic extracts dissolved in various oils or in water enable fragrance-free formulations. We are able to provide you with samples such as Aloe, Cucumber, Coconut, Eucalyptus, Grapefruit, Green Tea, Jasmine, Lavender, Lemongrass, Mango, Raspberry, Rose, Mint, Strawberry, Vanilla and many more. Allergen free versions are possible as well.

## Odor absorbers

Product	Supplier	INCI	Form	Solubility
DeoPlex® Clear H5630	Carrubba	Saccharomyces Ferment	Liquid	Water
DeoPlex® DH M9808	Carrubba	Saccharomyces Ferment	Liquid	Water
DeoPlex® Organic Ingredients	Carrubba	Glycerin, Saccharomyces Ferment Filtrate	Liquid	Water

DeoPlex® products are natural odor absorbers based on sugar enzymes. They are suitable for different odor absorbing applications to reduce unpleasant scents of any kind. They work perfect in pet care solutions, cleaning products and cosmetic formulations. They are suitable for natural cosmetics, work very efficiently and don't affect the original formulation scent. We can provide you with formulation advice and more information if needed

# Functional Cosmetic Ingredients

## Emulsifiers

Product	INCI	Application	Use Level (%)	Cosmos approved	Cosmos certified	China compliant
PRODHYBASE® GLA	GLYCERYL STEARATE	EMULSIFIER : Non ionic O/W co-emulsifier and consistency factor	0.5-3.0	✓		✓
PRODHYBASE® GLN P	GLYCERYL STEARATE SE	EMULSIFIER Anonic O/W self emulsifying system	3-10	✓		✓
PRODHYCIRE® NAT MB*	GLYCERYL STEARATE, SODIUM STEAROYL LACTYLATE	EMULSIFIER : Optimized combination of O/W emulsifiers for COSMOS formulas leaving a soft touch	3-8	✓		✓

## Texturizers

Product	INCI	Application	Use Level (%)	Cosmos approved	Cosmos certified	China compliant
HYDROBASE® 32/34	HYDROGENATED COCONUT OIL	TEXTURIZER Onctuous and rich skinfeel	1-50	✓		✓
HYDROBASE® 67/71	HYDROGENATED JOJOBA OIL	TEXTURIZER Very quick penetration With a melting and creamy sensation. Light and softtouch.	0.5-20	✓		✓
HYDROBASE® 84/85	HYDROGENATED CASTOR OIL	TEXTURIZER Very quick penetration with waxy effect. Onctuous and rich skinfeel. Can also be used to stabilize mascaras	0.5-20	✓		✓
LACTABASE® C14 MB*	MYRISTYL LACTATE	TEXTURIZER Quick penetration with good spreadability. Melting and creamy effect with soft finish	3-10	✓		✓

## Waxes

Product	INCI	Application	Use Level (%)	Cosmos approved	Cosmos certified	China compliant
BUTYLENE GLYCOL	BUTYLENE GLYCOL	HUMECTANT : Ideal as solvent. Can be used as glycerin substitute to decrease stickiness in emulsions, lotions and deodorants.	1-20			✓
VEGETAL BUTYLENE GLYCOL	BUTYLENE GLYCOL	HUMECTANT : Ideal as solvent. Can be used as glycerin substitute to decrease stickiness in emulsions, lotions and deodorants.	1-20		✓	✓

# 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 are also used in the industrial sector in various applications, e.g. in lubricants, printing inks, polymers, adhesives, coatings and paints & coatings.

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

Product	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 links	Lubricants	Paints & Varnishes	Wood Care Coating	Pigment Pastes	Surfactants	Soaps
Linseed oil varnish	*		*		*		
Linseed oil	*		*	*	*		
Castor oil				*			*
Rapeseed oil		*	*	*	*	*	
Sunflower oil		*	*			*	
Soy bean oil	*		*	*	*		

## Sensory Agents

Product	INCI	Application	Use Level (%)	Cosmos approved	Cosmos certified	China compliant
FRIGYDIL®	MENTHYL LACTATE	SPECIALTIES & OTHERS : Cooling agent with synergistic action combining the effectiveness of menthol, the moisture retention of lactic acid and the gentleness of its ester function.	0.5-5			V

# Preservatives

## Classic preservatives

### Application

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

Product	INCI	Application	pH Value	Use Concentration
Phenoxyethanol	Phenoxyethanol	Leave On & Rinse Off	6.8-7.2	Max. 1.0%
Ethylhexylglycerine	Ethylhexylglycerine	Leave On & Rinse Off	2.0-12.0	0.3%-1.0%
Sodium Salicylate	Sodium Salicylate	Preservative in Cosmetics	/	/

## 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
Ethylparaben	Ethylparaben	120-47-8
Ethylparaben Sodium	Sodium Ethyl Paraben	35285-68-8

# Starch and Sweeteners

## Application

Sorbitol is a sugar alcohol and is made from glucose syrup from wheat and/or maize. The product is used as a carrier, sweetener and humectant in products such as tablets, toothpaste or mouthwash products. Different Starches and Sweeteners are also available (e.g. Maize Starch).

Tradename	INCI	CAS-Nr.	Quality/Quantity
Meritol® 160	Sorbitol	50-70-4	Liquid, non-crystallising sorbitol
Meritol® 161	Sorbitol	50-70-4	Liquid, non-crystallising sorbitol
Merisorb® 200	Sorbitol	50-70-4	Crystalline sorbitol
Merisorb® 300	Sorbitol	50-70-4	Crystalline sorbitol

# Phosphonates

## Application

Phosphonates are organic compounds and salts of the phosphorous acid. The products are used in cooling water systems, desalination facilities, in the paper and textile industry as well as in detergents and household products. Phosphonates are used as sequestrants / chelating agents. Our phosphonates have a good temperature and hydrolysis-stability and can be used in acidic and alkaline conditions.

Tradename	Chemistry	CAS-Nr.
ATMP 50 %	Aminotrimethylene phosphoric acid	6419-19-8
HEDP 60 %	1-Hydroxy ethylidene-1,1-diphosphonic acid	2809-21-4
HEDPNa2	1-Hydroxy ethylidene-1,1-diphosphonic acid disodium salt	7414-83-7
HEDPNa4	1-Hydroxy ethylidene-1,1-diphosphonic acid tetrasodium salt	29329-71-3 & 3794-83-0
DTPMPNa7 24-26 %	Diethylene triamine penta (methylenephosphonic acid) heptasodium salt	15827-60-8
DTPMPNa7 31,5-33,5 %	Diethylene triamine penta (methylenephosphonic acid) heptasodium salt	15827-60-8
PBTC 50 %	2-phosphonobutane-1,2,4-tricarboxylic acid	37971-36-1

# Chelating Agents

## Application

GLDA.Na4 is a NTA-free, environmentally friendly and biodegradable chelating agent derived from natural sources. As an alternative to NTA, EDTA and other chelating agents, it is used to enhance cleaning performance in industrial and household cleaning products. The product has strong chelating properties for metal ions and can form stable, water-soluble complexes. GLDA can easily be used across a wide pH range.

Tradename	Chemistry	CAS-Nr.
GLDA Na4 38 %	Tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate	51981-21-6
GLDA Na4 47 %	Tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate	51981-21-6



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