DEODORANT ACTIVES

Understanding different demands of deodorant formulations



dr.straetmans® 🚺





You may only know Evonik's Dr. Straetmans brand very well for conventional and alternative antimicrobial protection. But going beyond product protection, the Dr. Straetmans brand proves reliable efficacy in deodorant applications with its deodorant actives as well.



Our portfolio of deodorant actives offers a broad spectrum of raw materials to address different demands of any type of deodorant formulation.

FIND OUR SOLUTIONS ON THE NEXT PAGES!

THE FORMATION OF BODY ODOR

BACTERIA GROWTH OUR ANTIMICROBIALS FIGHT AGAINST BACTERIA GROWTH



dermosoft[®] decalact deo MB

is a natural deodorant active blend with strong antimicrobial properties with strong antimicrobial properties. It can be used in O/W-emulsions as well as in aqueous and alcoholic solutions. The synergistic composition is highly effective against microorganisms causing undesired body odors. 24h-deodorant activity proven in an in-vivo study.

INCI: Sodium Caproyl/Lauroyl Lactylate; Triethyl Citrate; Salvia Officinalis (Sage) Oil

Natura	content c _n : 85.6%, natural origin	content c _n : 100% (incl. water, ISO 16128)		
Phase	Ingredient	INCI (EU)	Supplier	
Α	Deionised Water	Aqua		72.
	Glycerin 99.5%, Ph. Eur.	Glycerin	Cremer Oleo	5.
В	Xanthan Gum FNCSP-PC	Xanthan Gum	Jungbunzlauer	0.
	Genuvisco carrageenan CG-131	Carrageenan	CP Kelco	0.
с	dermofeel® GSC SG	Glyceryl Stearate Citrate	Evonik	0.
	dermofeel [®] sensolv MB	Isoamyl Laurate	Evonik	0.
	Sunflower Oil, pressed organic	Helianthus Annuus Seed Oil	Gustav Heess	0.
	TEGODEO [®] A30 eco	Propylene Glycol; Zinc Ricinoleate; Aqua; Arginine; Citric Acid	Evonik	4.
	dermofeel [®] TEC eco	Triethyl Citrate	Evonik	5.
	TEGO [®] Cosmo P 813 MB	Polyglyceryl-3 Caprylate	Evonik	0.
	dermosoft [®] decalact deo MB	Sodium Caproyl/Lauroyl Lactylate; Triethyl Citrate; Salvia Officinalis Oil	Evonik	0.
D	Perfume	Parfum	diverse	0.
	Ethanol organic denat.	Alcohol Denat.	diverse	10.

Processing: 1. Heat phase A up to 75°C and disperse phase B in A. 2. Heat phase C up to 75°C separately. 3. Add phase C into phase A/B.

3. Cool down to 35°C and add phase D in the given order under slowly stirring.

4. Adjust pH value.

Specification:

Appearance: Off-white, liquid emulsion

pH-value: 5.2 - 5.4 Viscosity (Brookfield (21°C): TF; Speed 10 rpm): 8000 - 13000 mPas

Stability test: passed Microbiological safety: challenge test passed

TEGO[®] Cosmo P 813 MB

an "intelligent" deodorant active . 24 ; with immediate and extended benefits. Thanks to the antimicrobial properties, it reduces odor-causing bacteria with a proven 24h reserve efficacy, while being nonirritating and non-sensitizing on the skin.

INCI: Polyglyceryl-3 Caprylate

BREAK DOWN PRODUCTS

OUR ENZYME INHIBITOR DECREASES THE DECOMPOSITION OF SWEAT COMPONENTS

dermofeel[®] TEC eco

is the ideal addition in deodorant formulations because it inhibits the esterase-based metabolism of sweat components, which cause malodor.

INCI: Triethyl Citrate

PROOF OF PERFOMANCE **MECHANISM OF ACTION** IN DEODORANTS



EXPERIENCE THE JOINT FORCES OF DEODORANT ACTIVES: Take a look at our Natural Deo Roll-On Emulsion

to learn, how to formulate addressing many demands at the same time in a naturalcompliant way.

ODOR FORMATION

OUR ODOR ABSORBERS ACT AGAINST MALODOR, WHICH IS CAUSED BY SWEAT

OUR "OLDIES"

TEGODEO[®] HY 77 and **TEGODEO[®] CW 90 E** are blends, which

are based on Zinc Ricinoleate.

OUR "BASIS"

The pure Zinc Ricinoleate.

OUR "NEWBIE"

Our improved solution for deodorant formulations with natural compliance.

TEGODEO[®] HY 77

especially suitable for deodorant formulations with high alcohol content.

INCI: Zinc Ricinoleate; Triethanolamine; Dipropylene Glycol; Lactic Acid

TEGODEO[®] CW 90 E

especially suitable for deodorant formulations with high water content.

INCI: Zinc Ricinoleate; Tetrahydroxypropyl Ethylenediamine; Laureth-3; Propylene Glycol

TEGODEO[®] PY 88 G

especially suitable for the use in emulsion type deodorant formulations and compliant for certified natural cosmetics.

INCI: Zinc Ricinoleate



TEGODEO® A30 eco

is a highly effective deodorant blend on the basis of Zinc Ricinoleate, which is compliant for certified natural cosmetics. It is especially suitable for clear aqueous and hydro-alcoholic formulations with a proven efficacy - in vitro and in vivo!

INCI: Propylene Glycol; Zinc Ricinoleate; Aqua; Arginine; Citric Acid



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