

A woman with dark hair, wearing a maroon top and blue pants, is crouching on a large, dark rock in a stream. She is smiling and touching the water with her right hand, creating ripples. The stream is surrounded by large, reddish-brown rocks. The background shows a calm stream flowing through a rocky landscape.

Pharmaceutical-grade ingredients
for the dermatology industry.
Because caring for skin needs
the expert's touch.

Nina Karpyneć,
an enabler in excipients

 **BASF**
The Chemical Company

Pharma Ingredients & Services. Welcome to more opportunities.
Custom Synthesis | Excipients | Active Ingredients

BASF: your partner for state-of-the-art solutions.



“When it comes to topical formulations, active ingredients are only one piece of the puzzle. The skin is a complex and delicate organ – meaning a holistic approach is a must...”

...explains Nina Karpyneć, an excipients expert at BASF. And she practices what she preaches. Ms. Karpyneć understands the many sides of dermatology – the challenges of creating a stable, high-performance formulation while ensuring a pleasant and appealing look and feel. Backed by an experienced team, she is

responsible for an end-to-end portfolio for topical applications that goes above and beyond these requirements, delivering a host of value-added benefits to our customers. Whatever the excipient or active ingredient, BASF is the right partner for the dermatology industry.

Quality, compliance, innovation:
for every piece of the skincare puzzle.

Our broad portfolio is growing constantly, featuring innovations such as improved topical delivery systems and milder excipients. Plus, from emollients to APIs,

our entire dermatology line meets the highest standards and all relevant regulatory requirements. Nina Karpyneć wouldn't have it any other way.

End-to-end excellence: BASF's cutting-edge topical ingredients.



The experts at BASF understand that when it comes to topical formulations, every single element counts.

This is why we are committed to best-in-class quality across the ingredients spectrum – whether emulsifiers, gel formers, consistency factors, solvents, actives or emollients. And because these are manufactured to the most exacting standards, you are guaranteed unparalleled purity and superior reliability for your products.

Let's take a look under the lid, and see exactly how you can benefit from our first-rate dermatology portfolio.



When you partner with BASF, reliability and superior quality are a given. But we also offer our customers key value-added benefits:

- Experience and expertise: BASF is the global market leader in dermatological ingredients. Our premium solutions are based on 160 years' industry experience in oleochemistry.
- GMP production and regulatory support: BASF's pharmaceutical-grade dermatology products satisfy all the relevant regulatory requirements. Our integrated quality management is certified in line with the highest quality standards - providing you with products you know you can trust.
- Tailored customer service: Our in-depth expertise and understanding of the dermatology industry means we are in the perfect position to offer tailored solutions and customized excipients if required.

Emulsifiers/solubilizers - our Kolliphor® portfolio

- BASF's unparalleled portfolio of solubilizers and emulsifiers for topical products offers you the perfect solution, whatever the application or formulation type.
- Our innovations include new solubilizers that enhance bioavailability of active ingredients.
- The high performance and safety of BASF products is backed by comprehensive documentation – so you know you can rely on us.

Emollients - our Kollicream® portfolio

- BASF's emollient portfolio features excipients that feel like cosmetics on the skin, milder formulations for minimal irritation, and easy-to-apply products for large areas.
- Our emollients offer incredible flexibility – allowing you to adapt variables such as spreading value, molecular weight, or water permeability in line with your needs.
- Our offering includes high-performance emollients for efficient topical drug delivery – including of oil-soluble APIs.

Consistency factors - our Kolliwax® portfolio

- BASF's dermatology portfolio includes an extensive selection of olechemical consistency factors to enhance your formulations.
- Our pharmaceutical-grade consistency factors are rigorously tested and verified to the most stringent standards – so you benefit from premium quality and exceptional reliability.
- Our high-performance products include viscosity and sensorial modifiers that ensure smooth formulations every time, while co-emulsifiers improve stability.



Solvents - our Kollisolv® portfolio

- Select solvents in line with your needs from our diverse and extensive portfolio.
- All our solvents are manufactured to the highest standards and conform to rigorous regulations – guaranteeing you a premium product every time.
- Whatever the application or formulation, BASF has the right solvent for your topical product.

Gel formers

- BASF's portfolio includes poloxamers that become more viscous as the temperature rises – meaning long residence time on the skin.
- Our poloxamers are even compatible with challenging active ingredients such as ibuprofen, making them unique among gel formers.
- These chemicals are readily soluble in water – and their thermoreversible properties allow you to achieve high viscosity.

Active ingredients

- When partnering with BASF, customers benefit from our unique API portfolio for dermatology – including cutting-edge ingredients for acne treatments and wound healing formulations.
- All our active ingredients are manufactured in cGMP-certified production facilities, ensuring compliance with stringent quality and safety standards – and giving you peace of mind.
- For a more comprehensive overview of our active ingredients, please see the product list included in this brochure.

Everything you need for cutting-edge topicals.

Function	New name	Former name	Compendial name	Packaging
API - wound treatment		Dexpanthenol (Ph. Eur.)	Dexpanthenol	25/200
API - acne treatment		Dermaz 99		20
		Isotretinoin M	Isotretinoin	0.01/0.5/5
		Tretinoin M	Tretinoin	0.1/0.43
API - ophthalmic formulations		Retinol 50 P M	Vitamin A	1/5
Consistency factor	Kolliwax® GMS II	Cutina® GMS V PH	Ph. Eur.: Glyceryl Monostearate 40-55 (typ II); USP/NF: Mono- and Di-glycerides 50	25
	Kolliwax® HCO	Cutina® HR PH	Ph. Eur.: Castor Oil Hydrogenated; USP/NF: Hydrogenated Castor Oil; JP: Hydrogenated Oil	20
	Kolliwax® MA	Speziol® C 14 PHARMA	USP/NF: Myristyl Alcohol	20
	Kolliwax® CA	Speziol® C 16 PHARMA	Ph. Eur., USP/NF, JP: Cetyl Alcohol: Cetanol	25
	Kolliwax® CSA 50	Speziol® C 16-18 PHAR	Ph. Eur., USP/NF, JP: Cetostearyl Alcohol	25
	Kolliwax® SA	Speziol® C 18 PHARMA	Ph. Eur., USP/NF, JP: Stearyl Alcohol	25
	Kolliwax® CSA 70	Speziol® D PHARMA	Ph. Eur.: Cetostearyl Alcohol	25
	Kolliwax® GDB	Speziol® GDB PHARMA	Ph. Eur.: Glycerol Dibehenate; USP/NF: Glycerin Behenate	25
	Kolliwax® S Fine	Speziol® L2SM GF PHARMA	Ph. Eur.: Stearic Acid 50; USP/NF, JP: Stearic Acid	25
	Kolliwax® S	Speziol® L2SM GS PHARMA		
Emollient	Kollicream® 3C	Cetiol® LC PH	Ph. Eur.: Cocoyl Caprylocaprate	800
	Kollicream® DO	Cetiol® V PH	Ph. Eur.: Decyl Oleate	175
	Kollicream® CP 15	Cutina® CP PH	Ph. Eur.: Cetyl Palmitate 15	20
	Kollicream® OD	Eutanol® G PH	Ph. Eur., USP/NF: Octyldodecanol	175
	Kollicream® OA	HD Eutanol® V PH	Ph. Eur., USP/NF: Oleyl Alcohol	175/850
	Kollicream® IPM	Isopropylmyristate PH	Ph. Eur., USP/NF: Isopropyl Myristate	175
Emulsifier /solubilizer	Kolliphor® CS 12	Eumulgin® B 1 PH	Ph. Eur.: Macrogol Cetostearyl Ether 12	20
	Kolliphor® CS 20	Eumulgin® B 2 PH	Ph. Eur.: Macrogol Cetostearyl Ether 20; USP/NF: Polyoxyl 20 Cetostearyl Ether	25
	Kolliphor® CS S	Lanette® E PH	Ph. Eur.: Sodium Cetostearyl Sulphate	12
	Kolliphor® CS A	Lanette® N PH	Ph. Eur.: Cetostearylalcohol (Type A), Emulsifying	20
	Kolliphor® CS L	Lanette® SX PH	not monographed	20

Function	New name	Former name	Compendial name	Packaging
Emulsifier / solubilizer	Kolliphor® TPGS	Speziol® TPGS Pharma	USP/NF: Vitamin E Polyethylene Glycol Succinate	1, 10, 50
	Kolliphor® SLS	Texapon® K 12 G PH	Ph. Eur., USP/NF, JP: Sodium Lauryl Sulfate	25
	Kolliphor® SLS Fine	Texapon® K 12 P PH	Ph. Eur., USP/NF, JP: Sodium Lauryl Sulfate	15
	Kolliphor® RH 40	Cremophor® RH 40	Ph. Eur.: Macrogolglycerolhydroxystearate 40; USP/NF: Polyoxyl 40 Hydrogenerated Castor Oil	60/25
	Kolliphor® PS 20	Polysorbate 20 PH	Ph. Eur., USP/NF: Polysorbate 20	200
	Kolliphor® PS 60	Polysorbate 60 PH	Ph. Eur., USP/NF: Polysorbate 60	190
	Kolliphor® PS 80	Polysorbate 80 PH	Ph. Eur., USP/NF: Polysorbate 80	
	Kolliphor® HS 15	Solutol® HS 15	Ph. Eur., USP/NF, Macrogol 15 Hydroxystearate: Polyoxyl 15 Hydroxystearate	50
	Kolliphor® EL	Cremophor® EL Castor Oil	Ph. Eur.: Macrogolglycerol Ricinoleate 35; USP/NF: Polyoxyl 35 Castor Oil	60
	Kolliphor® P 188	Lutrol® F 68	Ph. Eur., USP/NF, JP: Poloxamer 188	25/102
	Kolliphor® P 407	Lutrol® F 127	Ph. Eur., USP/NF, JP: Poloxamer 407	25/90
	Kolliphor® P 237	Lutrol® F 87	Ph. Eur., USP/NF: Poloxamer 237	25
	Kolliphor® P 338	Lutrol® F 108	Ph. Eur., USP/NF: Poloxamer 338	18/80
	Kolliphor® P 188 micro	Lutrol® MICRO 68	Ph. Eur., USP/NF, JP: Poloxamer 188	25
	Kolliphor® P 407 micro	Lutrol® MICRO 127	Ph. Eur., USP/NF, JP: Poloxamer 407	25
Solvent	Kollisol® MCT 70	Myritol® 318 PH	Ph. Eur., USP/NF, JP: Triglycerides medium-chain	190/850
	Kollisol® CAP	Speziol® CAP	not monographed	175
	Kollisol® GTA	Speziol® GTA	Ph. Eur., USP/NF, JPE: Triacetin	235
	Kollisol® PG	Propylenglycol	Ph. Eur., USP, JP: Propylene Glycol	220
	Kollisol® PEG 300	Lutrol® E 300	Ph. Eur.: Macrogols; USP/NF: Polyethylene Glycol; JP: Macrogol 300	130
	Kollisol® PEG 400	Lutrol® E 400	Ph. Eur.: Macrogols; USP/NF: Polyethylene Glycol; JP: Macrogol 400	130
	Kollisol® PYR	Soluphor® P	Ph. Eur.: Pyrrolidone	200
	Kollisol® P 124	Lutrol® L 44	Ph. Eur., USP/NF, JP: Poloxamer 124	18/200

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BASF's dermatology portfolio: the perfect solution for every challenge.

- Key industry partner, with a broad dermatological ingredients portfolio
- Extensive expertise and understanding of topical products
- Innovative breakthroughs such as improved delivery systems
- Meets the highest regulatory and quality requirements

Contact us to see how Nina Karpynec and her colleagues around the globe can help you solve your topicals challenges, or visit www.pharma-ingredients.basf.com

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