

YOUR FORMULATION GUIDE TO

# Ingredion Personal Care



## Driven by formulation expertise, measurement and consumer science

### **FARMAL™** multi-functional bio-polymers

A range of high-quality, renewable and bio-based ingredients that complement and enhance key physical and sensorial attributes of your personal care products.

### **FOAMATION™ PC** natural foaming agents

This range provides a luxurious sensory experience by creating a rich, stable foam for your skin and hair cleansing products. Our natural foaming agents are designed to improve foam structure and stability in a variety of cosmetic applications.

### **NATIVACARE™** natural polymers

An alternative to chemically-modified polymers, offering enhanced skin feel, viscosity and appearance in a range of personal care products. Products in this range of ingredients are either approved by Ecocert in accordance with the COSMOS natural standard or certified organic according to Regulation (EC) No. 834/2007.

### **PENCARE™ DP** bio-based conditioning polymer

A bio-based polymer with superior deposition and enhanced conditioning which will leave hair and skin softer and smoother than ever before.

### **FIND OUT MORE**

Ingredion Germany GmbH | +49 40 239 150
































Ingredion UK Ltd | +44 (0) 161 435 3200

[emea.ingredion.com/personalcare](http://emea.ingredion.com/personalcare)



## The ingredients below are available in Europe, Middle East and Africa

Trade name	FARMAL™ 21 T	FARMAL™ CS 3757	FARMAL™ MS 6135	FARMAL™ MS 6822	PenCare™ DP 1015
<b>INCI</b>	Tapioca Starch	Zea Mays (Corn) Starch	Calcium Starch Octenylsuccinate	Sodium Hydroxypropyl Starch Phosphate	Starch Hydroxypropyltrimonium Chloride
<b>Chemical charge</b>	Non-ionic	Non-ionic	Non-ionic	Non-ionic	Cationic
<b>Physical form</b>	Powder	Powder	Powder	Powder	Powder
<b>Aesthetic Enhancer</b>					
<b>Carrier for actives</b>					
<b>Deposition aid</b>					
<b>Film form</b>					
<b>Foam stability</b>					
<b>Mitigates oiliness</b>					
<b>Provides humectancy</b>					
<b>Reduce wet comb</b>					
<b>Rheology modification</b>					
<b>Salt tolerance</b>					
<b>Surfactant/emulsifying</b>					
<b>Application</b>	Body & baby powders, makeup powders, dry shampoo, creams, lotions	Body & baby powders, make-up powders, dry shampoo, creams, lotions, cleansing products, deodorants, bar soaps	Rich creams, lotions, sun care products, dry shampoo, deodorants and anti-perspirant, make-up	Body wash, lotion, cream, cleansing products	Shampoo, conditioner, body wash, lotion, cream, styling products

Trade name	NATIVACARE™ 5600	NATIVACARE™ 8600	NATIVACARE™ 9230	NATIVACARE™ 9330	NATIVACARE™ 9360	FOAMATION™ PC Q Ultra	FOAMATION™ PC QDP Ultra Organic
<b>INCI</b>	Zea Mays (Corn) Starch	Oryza Sativa (Rice) Starch	Zea Mays (Corn) Starch	Tapioca Starch	Tapioca Starch	Quillaja Saponaria Wood Extract, Sodium Benzoate	Quillaja Saponaria Wood Extract
<b>Chemical charge</b>	Non-ionic	Non-ionic	Non-ionic	Non-ionic	Non-ionic	Non-ionic	Non-ionic
<b>Physical form</b>	Powder	Powder	Powder	Powder	Powder	Liquid	Powder
<b>Aesthetic Enhancer</b>							
<b>Carrier for actives</b>							
<b>Deposition aid</b>							
<b>Film form</b>							
<b>Foam stability</b>							
<b>Mitigates oiliness</b>							
<b>Provides humectancy</b>							
<b>Reduce wet comb</b>							
<b>Rheology modification</b>							
<b>Salt tolerance</b>							
<b>Surfactant/emulsifying</b>							
<b>Application</b>	Creams & lotions (emulsions), gels, sun care products, dry shampoo, deodorants and anti-perspirant, make-up, bodywash and cleansers	Creams & lotions (emulsions), gels, sun care products, body powder, dry shampoo, deodorants and anti-perspirant, make-up, bodywash and cleansers	Creams & lotions (emulsions), gels, sun care products, dry shampoo, body powder, deodorants and anti-perspirant, make-up, bodywash and cleansers	Creams & lotions (emulsions), gels, sun care products, dry shampoo, deodorants and anti-perspirant, make-up, bodywash and cleansers	Body Powder, gels, sun care products, dry shampoo, deodorants and anti-perspirant, make-up, bodywash and cleansers	Enhance foaming and skin feel in cleansing products, emulsifying and masking	Enhance foaming and skin feel in cleansing products, emulsifying and masking

# Additionally, the following products are from the global Ingredient portfolio

Trade name	FARMAL™ DX 2002	FARMAL™ HFS 2656	FARMAL™ MD 10	FARMAL™ MD 15	GLYSTAR™ 31
<b>INCI</b>	Glucose	Hydrolysed Corn Starch	Maltodextrin	Maltodextrin	Hydrogenated Starch Hydrolysate
<b>Chemical charge</b>	Non-ionic	Non-ionic	Non-ionic	Non-ionic	Non-ionic
<b>Physical form</b>	Powder	Liquid	Powder	Powder	Liquid
<b>Film form</b>					
<b>Foam stability</b>					
<b>Provides humectancy</b>					
<b>Salt tolerance</b>					
<b>Application</b>	Shampoo, cleansing products and skin care	Foaming cleansers, shampoo, body wash, cleansing products, wipes	Bath products, bar soaps, dry shampoo, cleansing products	Bath products, bar soaps, dry shampoo, hair styling products	Foaming cleansers, shampoo, body wash, cleansing products, wipes, cream, lotion

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