



Emfinity® IL

INCI: ISOAMYL LAURATE

Naturally derived emollient that is readily **biodegradable and environmentally friendly**.

Provides **light and soft texture** with a non-tacky feel.

Combining some of the sensory benefits of cyclomethicones, it delivers an **excellent dry feel** and **non-greasy texture**, ideal for both hair and skin care formulations.

Offers **good makeup-removing** properties.

- Low viscosity
- Fast-absorbing emollient
- Good compatibility with Dimethicones

APPLICATION

Skin & sun care, hair care, colour cosmetics, toiletries

Face cream/serum, body lotion/cream, hand cream, sunscreen stick/cream/spray, makeup remover, face cleanser, lip care, hair treatment, conditioner, lip colour, foundation, concealer

PARAMETERS	VALUES/CHARACTERISTICS
Appearance	Clear colourless liquid
Spreadability	High



Emfinity® DNPG

INCI: NEOPENTYL GLYCOL DIHEPTANOATE

A **light, quick-absorbing** emollient that delivers a **silky, non-greasy** skin feel.

Forms a **non-occlusive** protective layer and helps **retain skin moisture**.

Improves spreadability in skin, hair and colour cosmetics formulations.

Offers some sensory **benefits of cyclomethicones**.

- Non-tacky texture
- Good slip
- Pleasant dry feel

APPLICATION

Skin & sun care, colour cosmetics, hair care, toiletries

Face cream, eye serum, lip balm, sunscreen stick/cream/spray, body lotion, primer, foundation cream/stick, concealer, BB cream, lipstick, styling cream, conditioner, cleansing milk, antiperspirants/deodorants

PARAMETERS	VALUES/CHARACTERISTICS
Appearance	Colourless to light yellow liquid
Odour	Characteristic
Spreadability	High



Emfinity® PTIS

INCI: PENTAERYTHRITYL TETRAISOSTEARATE

A rich emollient that offers a **cushiony skin feel**, **high gloss film without greasy feel**.

Its **film-forming** capabilities help **reduce moisture loss**, delivers a **smooth texture** and improves slip without leaving a sticky residue.

Acts as a **viscosity enhancer** and a good wetting, dispersing agent for pigments and UV filters.

- Effective alternative to castor oil
- Binder for decorative cosmetics
- Good compatibility with ester oils

APPLICATION

Colour cosmetics, skin & sun care, hair care

Lipstick, eye shadow, blush, powder, eye lash, bronzer, foundation, highlighter, concealer, primer, lip serum/oil, face cream, eye serum, body lotion, cleansing oil/milk, hair treatment, conditioner

PARAMETERS	VALUES/CHARACTERISTICS
Appearance	Colourless to dark yellow liquid
Spreadability	Low



Emfinity® GTIS

INCI: TRIISOSTEARIN

A natural, multifunctional emollient that acts as a **skin conditioning agent**. Provides **good cushioning and film-forming properties**.

Enhances **moisture retention** and acts as a skin barrier.

Delivers **high gloss** and **strong adhesion** for colour cosmetics.

- High viscosity
- Odourless
- Non-greasy feel

APPLICATION

Colour cosmetics, skin & sun care, hair care, toiletries

Lip gloss, lipstick, eye shadow, blush, compact powder, bronzer, foundation, BB cream, face mask, body milk, lip balm, hand cream, shampoo, hair treatment, intimate hygiene

PARAMETERS	VALUES/CHARACTERISTICS
Appearance	Colourless to dark yellow liquid
Spreadability	Low



Emfinity® PG-3DIS

INCI: POLYGLYCERYL-3 DIISOSTEARATE

A **100% natural ester** that delivers a **soft, non-greasy** and powdery **skin feel**.

Provides **waterproofing properties**, making it ideal for long-wear colour cosmetics.

Functions as a nonionic W/O emulsifier for both hot and cold processes.
It delivers light emulsions.

- Light skin feel

APPLICATION

Skin & sun care, colour cosmetics, hair care, toiletries

Lip care, body lotion, face cream, baby products, sunscreen cream/spray, cleansing oil/makeup remover, lipstick, concealer, foundation, blush, eyebrow, hair treatment, shampoo, conditioner, shower products, antiperspirants/deodorants

PARAMETERS

Appearance

VALUES/CHARACTERISTICS

Clear to light yellow liquid



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Emfinity® GSC

INCI: GLYCERYL STEARATE CITRATE

A **natural multifunctional ester** that unlocks smooth, pleasant after feel. Acts as an emollient and an O/W emulsifier.

Enhances viscosity and offers light to rich formulations with uniform spreading and easy pick up. Provides different **textures** ranging from **fluid lotions to butters**.

Delivers **good compatibility** with oils and UV filters.

- Light, soft skin feel
- Easy handling, dust-free process
- Reduced greasy residue

APPLICATION

Skin & sun care, hair care, colour cosmetics

Body lotion/milk/butter, face/eye cream/serum, hand cream, eye care, milky cleanser/makeup remover, hair treatment, conditioner

PARAMETERS	VALUES/CHARACTERISTICS
Appearance	Ivory Flakes
Melting point (°C)	58 - 68



Emfinity® CP

INCI: CETYL PALMITATE

A natural emollient that **improves consistency**, spreadability and the sensory profile of formulations.

Provides a **pleasant skin feeling** and reduces greasiness in oil-rich formulations.

Enhances moisturisation of the skin.

- Delivers smooth feel
- Ideal moisturiser for dry skin

APPLICATION

Skin & sun care, hair care, colour cosmetics, toiletries

Moisturising cream, face & hand cream, body lotion, baby care, lip care, face cleansers, hair mask, conditioner, wipes, shower products, eye lash/liner, lipstick, foundation, antiperspirants/deodorants

PARAMETERS	VALUES/CHARACTERISTICS
Appearance	Ivory White Waxy Solid
Melting point (°C)	49 - 55
Odour	Mild Characteristic



Emfinity® EHP

INCI: ETHYLHEXYL PALMITATE

A traditional, **cost effective**, yet **versatile emollient** that acts as a solvent for actives, UV filters and pigments, as well as a fragrance enhancer due to its blending and fixing properties.

This lightweight ester offers a **medium-spreading** profile, with good permeability.

Provides a **smooth, silky after feel** with non heavy glide.

Emfinity® EHP softens and moisturises the skin while effectively reducing oiliness in formulations.

- Silky, dry-slip finish
- Alternative to mineral oil
- Non-tacky

APPLICATION

Skin & sun care, colour cosmetics, hair care, toiletries

Body lotion, face cream, lip balm, hand cream, cleansing oil/balm/lotion, foundation, blush, concealer, lip colour, hair treatment, conditioner, shower products, wipes, antiperspirants/deodorants

PARAMETERS	VALUES/CHARACTERISTICS
Appearance	Clear Liquid
Spreadability	Medium



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empowering beauty through **empathic** consumer engagement, fuelled by an **infinite** array of cosmetic ingredients solutions.

Emfinity® CGSA 200 B

INCI: CAPRYLOL GLYCERIN / SEBACIC ACID COPOLYMER

Novel, patented and entirely bio-based emollient that is readily **biodegradable and environmentally friendly**.

Provides undetectable protection for both skin and scalp, while also conditioning and **delivering instant moisturising effect**.

Its velvety texture leaves a **cushioned finish, enhancing skin's glow** for healthy appearance.

When applied to hair, it **facilitates easy combing** and leaves it feeling soft and shiny.

This **microbiome friendly** emollient helps to maintain the skin's natural barrier, preventing moisture loss and shielding the skin from environmental aggressors, which is of a benefit especially for the sensitive skin.

The copolymer helps to protect the skin from UV damage by **enhancing SPF** effectiveness of the formulation.

- Medium viscosity
- Clear light yellow liquid
- High refractive index
- Excellent compatibility with UV filters and other ingredients
- Reduce greasiness of other materials
- Suitable for all cosmetic applications

PARAMETERS	VALUES/CHARACTERISTICS
Appearance	Colourless to light yellow
Odour	Odourless to gentle coconut "natural"
Viscosity	200 cSt
Refractive Index	1.45

• Plant Based • non-GMO • Readily Biodegradable • ISO 16128: derived natural, NOI: 1.0

A silky, non-greasy skin feel with moderate diffusion (blur) giving a natural glow



Non treated skin

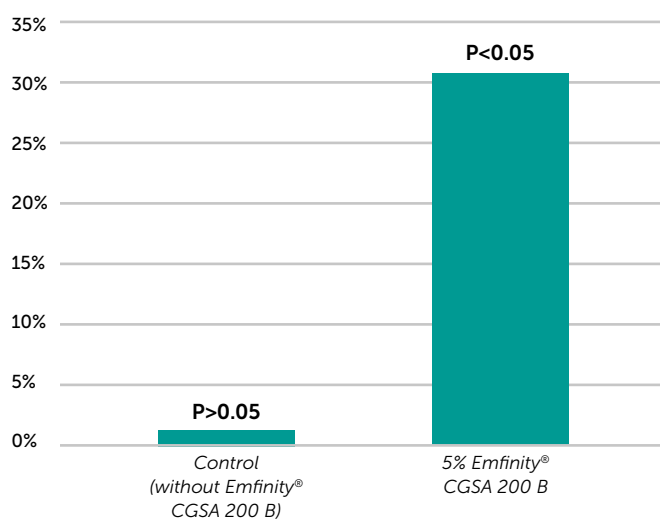


After absorption of O/W cream with 5% of Emfinity® CGSA 200 B

Instrument: Visioscope PC 35 parallel light

Hair tresses treated with leave-on conditioner formulated with 5% of Emfinity® CGSA 200 B show reduction of dry combing force by 30% compared vs untreated

Dry Combing force reduction



Instrument: Dia-Stron MTT 175, Hair type: Caucasian hair

Solubility Tests with UV filters

UV FILTER	EMFINITY® CGSA 200 B		
	10:90	50:50	90:10
Ethylhexyl Methoxycinnamate	S	S	S
Butyl Methoxydibenzoylmethane (Avobenzone)	S	S	S
Benzophenone-3	S	S	S
Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine	S	S	S
Octocrylene	S	S	S
Diethylamino Hydroxybenzoyl Hexyl Benzoate	S	S	S
Ethylhexyl Salicylate	S	S	S
Homosalate	S	S	S
Ethylhexyl Triazone	I	I	I

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