

# INFINITY INGREDIENTS

Inspiring Cosmetics

Pet Care



## Pet Care

Pets are our best friends and part of the family, so it's no surprise to see that owners like to keep them looking healthy and feeling great. When formulating pet grooming products, it's important to understand that animal pH is different to humans. We know that the pH of dog's skin can vary from 5.5 - 7.5, depending on the breed, which is why most shampoos on the market have a pH between 6.0 - 6.5.

# Odour Control & Anti-bacterial

## Canadian Willowherb™ 5C PF

(INCI: Water (and) Epilobium Angustifolium Flower/Leaf/Stem Extract)

Canadian Willowherb™ 5C PF is a Cosmos certified multi-functional active ingredient that contains bioactive molecules such as Oenothain B which has 5- $\alpha$ -reductase inhibitory activity, anti-oxidant and anti-bacterial properties. Its primary function is as a non-steroidal anti-irritant ingredient with free radical scavaging ability.

Canadian Willowherb™ 5C PF provides a prebiotic activity by modulating skin microbiota growth. Its anti-irritant and redness reduction properties show a strong reduction of skin redness induced by chemicals or UV exposure within 30 minutes.

Ideal for anti-acne, redness, anti-ageing, intimate care, oral care (anti-irritant/ bleeding gums), sun care (reduces UV-induced erythema) and baby care (nappy rash).

Recommended usage level: 1 - 3%

## CitroPet-BALANCE

(INCI: Orbignya Oleifera Seed Oil, Pentaclethra Macroloba Seed Oil, Bisabolol, Melaleuca Alternifolia Leaf Oil)

The CitroPet line is specially designed for the skin and hair of Pets. C-Balance is a natural and vegan compliant active developed for animals with skin problems or sensitivity. It controls the attack of germs and bacteria, regulating the microbiome of the animal's skin. The fatty acids form a protective and moisturising film on Pets skin and fur. C-Balance offers anti-inflammatory action integrated with its healing, regenerating and antimicrobial power.

This active provides a complete treatment with strong calming properties. Its biomolecules offer the balance of natural flora, being efficient in controlling fungi and pathogenic bacteria. This synergy of effects of C-Balance also helps to control odours.

Recommended usage level: Ointment: 0.75 to 2%; Toothpaste: 0.1 to 0.25%; Neutral shampoo: 0.2 to 0.7%

## CitroPet-PROTECT

(INCI: Orbignya Oleifera Seed Oil, Carapa Guaianensis Seed Oil, Cymbopogon Nardus Oil, Copaifera Species Resin Oils)

C-Protect is an active with intelligent action, to ensure animals are free from the discomfort brought by microorganisms, as well as protection against insects, such as mosquitoes. This natural source of antimicrobial molecules forms a protective layer against external attacks on the animal. This intensifies the defence mechanisms of Pets skin, increasing their resistance to more moments of recreation outdoors and living in groups. The omega-9 present in its composition carries these bioactive substances and stimulates the hydration barrier and protection against water loss. In addition, C-Protect concentrates several compounds with proven action in insect repellency, which in addition to providing relief to the animal, keeps them free from disease vectors. And for complete treatment, C-Protect is also anti-inflammatory and delivers therapeutic, stimulating and relaxing effects. It is a pure and biodegradable active.

Recommended usage level: Dermo-protective oil: 0.5 to 1.5%; Neutral shampoo: 0.2 to 0.5%; Dry Bath: 0.2 to 0.5%

# Shine Enhancers & Conditioning Agents

## Actimilk™ Argan

(INCI: Water, Argania Spinosa Kernel Oil, Glycerin, Lysolecithin)

Obtained from Organic Virgin oil from cold pressing of argan seeds which are exceptionally rich in vitamin E, Actimilk™ Argan improves softness, frizz and manageability of damaged hair in both rinse-off and leave-on applications, leaving hair less coarse, smoother and easier to comb

Recommended usage level: 1-5%

## CitroPet-CARE

(INCI: Orbignya Oleifera Seed Oil, Virola Sebifera Nut Oil, Carapa Guaianensis Seed Oil, Pentaclethra Macroloba Seed Oil)

C-Care is an exclusive active for intense care with the delicate skin of animals. Full of natural components, it offers affection from the soft and velvety touch to the effects, protective and regenerating. C-Care is vegan and 100% pure and poses no risk to the animal or the handler. It treats from the paws to injuries that need more attention, such as irritations and burns.

Composed of biotives compatible with the coat and skin of the animals, C-Care brings delicacy with deep treatment. This asset is biodegradable and has an anti-inflammatory and regenerative function. The limoids present in C-Care can offer wound care and healing. In addition, it is a 100% natural product and has active ingredients in its composition for faster action. The active gently regenerates damaged areas, without harming the animals sensitive skin.

Recommended usage level: Balm and Stick for paws and snout: 1 to 5%

## CitroPet-SHINE

(INCI: Orbignya Oleifera Seed Oil, Theobroma Grandiflorum Seed Butter, Astrocaryum Murumuru Seed Butter, Mauritia Flexuosa Fruit Oil)

Shiny fur, soft and hydrated skin. All with a unique and exclusive product, the C-Shine. Its composition specially developed to bring the softness that your Pet needs, with all the efficiency that it deserves. C-Shine is a botanical ingredient, 100% natural and vegan.

The animal's fur gains shine and is especially strengthened, facilitating the hairstyle and finishing. The active ingredient has provitamin A components, that help to keep the pet's delicate skin nourished and radiant. The use of C-Shine ensures deep hydration, as it is rich in omega-9 and lauric acid, which coat the skin and protect against moisture loss. Its gentle action brings lightness, enhancing, reconstructing and strengthening the coat. The C-Shine promotes a unique shine, enhances the coat and provides increased softness of the hair. In addition, it is a biodegradable and easily manipulated asset.

Recommended usage level: Shampoo: 0.2 to 0.5%; Conditioner and hydration mask 0.5 to 1.5%; Cream for combing Pet hair: 0.5 to 0.75%

## Moisturising

### Actimilk™ Argan

(INCI: Water, Argania Spinosa Kernel Oil, Glycerin, Lysolecithin)

Obtained from Organic Virgin oil from cold pressing of argan seeds which are exceptionally rich in vitamin E, Actimilk™ Argan improves softness, frizz and manageability of damaged hair in both rinse-off and leave-on applications, leaving hair less coarse, smoother and easier to comb

Recommended usage level: 1-5%

### Amisol Trio™

(INCI: Phospholipids (and) Glycine Soja (Soybean) Oil (and) Glycolipids (and) Glycine Soja (Soybean) Sterols)

Amisol Trio™ is an eco-friendly active biolipid complex, extracted from Soybean. It is ideal for sensitive and delicate skin and hair.

Amisol Trio™ is composed of essential Biolipids present in each cell membrane, such as Phospholipids, Glycolipids, Phytosterols and Vitamin F (Linoleic acid). It provides superfatting properties, offers protection and improves moisture balance of the hair and skin (even in rinse-off applications).

Recommended usage level: 0.5 - 1.5%

## CitroPet-BALANCE

(INCI: Orbignya Oleifera Seed Oil, Pentaclethra Macroloba Seed Oil, Bisabolol, Melaleuca Alternifolia Leaf Oil)

The CitroPet line is specially designed for the skin and hair of Pets. C-Balance is a natural and vegan compliant active developed for animals with skin problems or sensitivity. It controls the attack of germs and bacteria, regulating the microbiome of the animal's skin. The fatty acids form a protective and moisturising film on Pets skin and fur. C-Balance offers anti-inflammatory action integrated with its healing, regenerating and antimicrobial power.

This active provides a complete treatment with strong calming properties. Its biomolecules offer the balance of natural flora, being efficient in controlling fungi and pathogenic bacteria. This synergy of effects of C-Balance also helps to control odours.

Recommended usage level: Ointment: 0.75 to 2%; Toothpaste: 0.1 to 0.25%; Neutral shampoo: 0.2 to 0.7%

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## Washing

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(INCI: Phospholipids (and) Glycine Soja (Soybean) Oil (and) Glycolipids (and) Glycine Soja (Soybean) Sterols)

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## TI-GrnSurf<sup>®</sup> LCI

(INCI: Water (Aqua), Disodium Laureth Sulfosuccinate, Coco-Betaine, Sodium Cocoyl Isethionate, Sodium Lauryl Sulfoacetate)

TI-GrnSurf<sup>®</sup> LCI is a unique synergistic mixture of mild secondary surfactants, designed to achieve primary surfactant performance. It is ideal for use in mild cleansing applications with pH's in the range of 4.5 to 6.5 such as shampoos, bubble baths, hand soaps and other mild personal care products.

Its mildness helps contribute to colour retention in shampoos for treated hair. It is especially designed for use in combination with TI-NatSurf<sup>®</sup> BW at specific ratios to obtain crystal clear viscous sulphate-free systems.

It can also be used in combination with other non-ionics or amphoteric.

Recommended usage level: 25 – 50%

## CitroPet-SHINE

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Recommended usage level: Shampoo: 0.2 to 0.5%; Conditioner and hydration mask 0.5 to 1.5%; Cream for combing Pet hair: 0.5 to 0.75%

## Gelling Agents & Emulsifiers

### Ecogel™

(INCI: Lysolecithin (and) Sclerotium Gum (and) Xanthan Gum (and) Pullulan (and) Silica)

Ecogel™ is a patented optimised combination of natural origin ingredients derived from a green process: Lysophospholipids, Xanthan gum, Sclerotium gum and Pullulan. Its performances make it the first natural Phospholipid based gelling-emulsifying agent on the market. It allows the creation of natural gel-creams with an ultra-soft and light skin feel.

Ecogel™ offers an excellent silicone-like slip, ideal for skin, hair and lubricants. Electrolyte tolerant.

Recommended usage level: 0.3 - 2%

### Lecigel™

(INCI: Sodium Acrylates Copolymer (and) Lecithin)

Lecigel™ is a gelling agent with emulsifying and cooling properties (a safe alternative to Menthol and Alcohol) that triggers positive emotions upon application.

It allows the increase in the stability of formulas. Suitable for both cold and hot processes, it also helps to adjust the viscosity at the end of the formulation process.

Easy to use and stable to pH 9, it is compatible with most emulsifiers and is stable over a wide range of pH. Especially adapted for the formulation of gel-creams, it provides the typical 'Phospholipid touch' with a soft, non-greasy skin feel.

Recommended usage level: 0.1-2%

# Contact Us

Interested?

Then contact the Infinity team  
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