

AlphaVet Science™
Just Natural Science™

ProTunica-VM™

Coat Conditioner for Dogs



- ✓ **A proprietary blend of 7 herbal oils for topical use**
- ✓ **Relief from minor skin irritations**
- ✓ **Helps to soothe itching skin**
- ✓ **Has a unique and robust scent**
- ✓ **Water-based formula**
- ✓ **Leaves no oily residue**
- ✓ **Comes in an easy to hold 120 mL spray bottle**

ProTunica-VM™ is a dog coat conditioner and used as a spray for dogs who may suffer from allergies and other symptoms that can manifest as dermatitis or mild skin issues.

A PROPRIETARY BLEND OF INGREDIENTS: Aloe Vera, Cedarwood oil, Citronella oil, Geranium oil, Glycerin, Lavender oil, Lemongrass oil, Neem oil, Surfactant, Sunflower oil, Purified water and Vitamin E.

DIRECTIONS: Apply liberally to body; avoid the mouth and eyes. Shake well before use. Recommended for dogs only.

CAUTIONS: ProTunica™ is for external use only. Recommended for dogs only and is not suitable for cats due to their self-grooming behaviour. This product is made from all natural ingredients so there may be batch differences in colour and odour.

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Understanding How Essential Oils Can Help Manage a Dog's Skin and Coat Condition

For dogs that have itchy skin due to food allergies, insect bites, mild mange, or really dry patches, essential oil blends can work wonders. Some oils are good for 'hot' feet and chafed 'underarms', as many of the oils have herbal properties such as anti-fungal, anti-bacterial, antiseptic, and anti-inflammatory qualities which are widely used on humans and animals by those who prefer to use natural alternatives. Check out some of the properties, components and qualities of the essential oils used in ProTunica-VM™.

Aloe vera is used to help relieve skin irritation and contains enzymes that help heal itchy skin and reduce inflammation. Aloe vera contains many components that give it healing properties. Some of these are: vitamins A, C, and E (antioxidants that neutralize free radicals) and vitamin B12, folic acid, and choline, as well as minerals like calcium, copper, magnesium, potassium, and zinc. Another component are saponins which have a cleansing and antiseptic effect. Natural aloe vera contains 6 antiseptic agents: lupeol, salicylic acid, urea nitrogen, cinnamic acid, phenols and sulfur. They all have inhibitory action on fungi, bacteria and viruses. Salicylic acids can act like an exfoliant and fatty acids by creating a natural barrier. These components with anti-inflammatory, analgesic, and antiseptic actions allow aloe vera to help heal the skin, aid with minor pain relief and helps to reduce the risk of infection. When used topically, aloe vera stimulates circulation to create a cooling effect that relieves swelling and speeds the healing of skin issues. Its antimicrobial properties prevent infection of irritated or inflamed skin by killing harmful bacteria.

Cedarwood oil is steam distilled from the wood of the Cedar tree, of which there are several species. Used topically on the skin, the oil can help maintain skin health by addressing irritation and dryness. It also supports clean and clear skin by promoting balanced sebum production and protecting against environmental elements. It supports the hair/fur follicles, which may contribute to the overall look and feel of a dog's coat. The oil is utilized for its soothing properties and to help with doggy odour.

Citronella oil has Ceylon and Java which are the two main varieties of citronella from which the essential oil is derived via steam distillation of their fresh leaves. Used in aromatherapy applications, citronella essential oil slows or prevents the growth or spread of harmful airborne bacteria and repels flying insects. Topically, it helps to deodorize and refresh doggy odours, as well as helps to eliminate some skin pathogens thus improving skin and coat health. Citronella oil helps to condition the hair/fur, improve the skin's absorption of moisture, helps protect it from sun damage, and removes tangles in the coat. Citronella oil also helps to stimulate skin tissue which can help improve circulation, as well as facilitate the healing of eczema and dermatitis. It has properties such as anti-fungal, anti-bacterial and antiseptic actions.

Geranium oil is most commonly cultivated for the extraction of the sweet-smelling oil. Topically, geranium oil is used to promote the regeneration of new skin tissues. It works as an anti-inflammatory and anti-septic agent. It is reputed to encourage circulation, thus helping with the natural healing process to the dermatitis.

Lavender oil is known for its calming, physically and emotionally balancing fragrance. It has been commonly used for its relaxing effects on the body. The oil is utilized for its soothing properties and to help with doggy odour. It is used as a nervine/calming and helps relieve joint/muscle aches associated with sprains or strains. It is also used for its antimicrobial properties.

Lemongrass oil is among the most popular essential oils used today for its effectiveness, health benefits, and wide variety of applications. It is native to tropical countries such as India, China, and Thailand where it has traditionally been used as a flavoring agent in foods, drinks, and desserts and for its ability to boost circulation and immunity. It is used for its antimicrobial properties and it helps to eliminating harmful bacteria.

Neem oil is loaded with nutrients and is high in important fatty acids and vitamin E, and can quickly penetrate outer layers of the skin. It is extremely effective in healing dry and damaged skin. It is used in holistic health care products because it contains high levels of antioxidants that help protect the skin from environmental damage. Neem also helps fight free radical damage in the skin because it contains a phytonutrient called carotenoids, which provide high antioxidant action. As a result, neem oil and neem extracts are widely used in cosmetics such as soaps, hair and skin products and also pet shampoos. The fatty acids and vitamin E found in neem oil are easily absorbed into the skin without leaving the skin greasy. Once absorbed, these powerful components work to rejuvenate the skin's cells and restore elasticity. Benefit-rich vitamin E acts as a free radical scavenger by hindering the oxidizing processes in the skin. It promotes soft and supple skin, helps in reducing old scars and promotes healing. The oil has anti-fungal, anti-bacterial, antiseptic, and anti-inflammatory qualities and is widely used on humans and animals by those who prefer to use Ayurvedic remedies. It is used as a natural insect repellent and a natural pesticide on plants as well.

Sunflower oil is linoleic acid produced by expressing the oils from sunflower seeds and is typically used internally in the body. Sunflower oil is used as a topical agent.

Surfactant helps to hold the blend of oils together in AVS' ProTunica-VM™ spray.