



100% pure cold-pressed neem oil

At Pure Neem, we source our neem oil from India where it is extracted from the seeds of the neem tree in a patented Indian traditional method without heat, chemicals or petrochemicals which assures the highest quantity of all the liminoids and compounds which give our neem oil its anti-bacterial, anti-fungal, anti-inflammatory, anti-parasitic and antiseptic properties. It is also a natural but potent miticide and insect repellent.

Neem for people

Neem based remedies have brought relief from the irritating symptoms of many common ailments such as head lice, athlete's foot, eczema, psoriasis, acne, rashes, cold sores, ringworm, scabies, dandruff and itchy scalp conditions.

Neem oil is rich in fatty acids and glycerides and, together with its healing properties, provides an excellent natural moisturising base for skin care formulations such as soaps, shampoos and skin preparations enabling many people to enjoy relief with products which avoid the use of prescription medicines and chemical treatments.

Neem oil is a natural vegetable oil and is very bitter, dark in colour and has a strong garlic/sulphur odour. The odour can be masked with the addition of essential oils. Neem oil contains Vitamin E and many essential amino acids which help restore moisture and elasticity to the skin while it disinfects and heals.

Neem oil can be added to your shampoo/conditioner, body lotion, shower gel or massage oil at the rate of 5ml to 100ml of product. In the case of head lice only, neem oil can be massaged into hair and scalp. After 10 minutes, wash hair with neem shampoo. Apply neem conditioner and use a nit comb to remove dead lice and nits. Using shampoo and conditioner with added neem oil can prevent reinfestation.

Neem for pets

Neem helps to soothe many conditions such as wounds, cuts, scrapes, hot-spots, flea bites, dermatitis, mange (and the mites that cause mange), wet & dry eczema, fleas, ticks, allergies, Queensland Itch, lice, fly-strike, greasy heel, fungal infections, etc.

Neem oil can be added to your pet shampoo/conditioner at the rate of 5-10ml to 100ml of product. Alternatively, make a spray by mixing 5ml of shampoo or detergent with 500ml of warm water. To this, add 5ml – 10ml of neem oil. Shake vigorously. Use to spray animal and/or bedding for fleas and/or mites and as an insect repellent.

Mix for Livestock

To make 1 litre of livestock mix, add 10mls of detergent to 1 litre of warm water. Add 10-15ml of neem oil and shake vigorously. (Please see our **horse wash concentrate** and **cattle wash concentrate** for a pre-mixed livestock mix. Just add water.)

Neem in the garden

Much of the current research is focused on the use of neem oil as an organic alternative to toxic/synthetic chemical pesticides and insecticides. Neem oil is an effective, broad-spectrum botanical insecticide, miticide and fungicide treatment as well an insect repellent.

The active ingredients of neem oil include a group of seven constituents similar to, and including the compound, azadirachtin. This compound has been shown to be a systemic feeding deterrent for insects. Azadirachtin does not kill pests but it breaks the life cycles and deters feeding, hatching, ecdysis (moulting) or any combination of these processes. Neem is effective in the control of fruit fly, leaf eating insects such as aphids, thrips, leaf miners, snails, nematodes, grasshoppers, and fungal conditions such as powdery mildew, black spot, rust, leaf spot to name just a few. However, neem oil is non-toxic to humans, birds, fish, bees, earthworms, mammals and predatory insects.

Neem can be effectively used in hydroponics, aeroponics, greenhouses, shadehouses, ornamentals, interiorscapes, horticulture, landscapes, nurseries, turf farms, shrubs, flowering shrubs, fruit and nut trees. Great for the organic gardener!

Neem oil has a garlic-like odour and an extremely bitter taste. The bitter flavour can make many insects stop feeding on the host plant. Neem oil can also suffocate mites, whiteflies, aphids and other types of soft bodied insects on contact. These multiple modes of action make it unlikely that insects and plant pathogens can develop resistance to neem compounds.

Neem oil does not mix with water. You have to add an emulsifier. (An emulsifier is a substance that allows oil and water to mix.) To make a garden spray, mix 5ml of detergent with 500ml of warm water. Add 5ml – 10ml of neem oil. Shake vigorously.

The ratio of mixing is 1:150 to 1:200. To make 1 litre, mix 10ml of detergent with 100mls of water. Then add 10ml of neem oil. Add 900mls of warm water to make 1 litre of spray.

Alternatively, use our **garden spray concentrate** which is pre-mixed with Natrasoap (an insecticidal soap) and is ready to use. Just add water.

Neem oil can solidify at low temperatures. If this happens, immerse the container in warm water or sunshine.

Please visit our website for information on other environmentally friendly products for you, your pet and garden

www.pureneem.com.au

PURE NEEM
P O Box 325
Alexandria NSW 2015
T 02 8399 0371
www.pureneem.com.au