

## organic ozonated skin preparations (gels & creams)

The use of natural extracts and products for infection control and eradication, and to stimulate accelerated tissue healing, has been documented since Ancient Egyptian times – about 2,500 – 3000 years ago. Medical Research is re-discovering the lost art of the use of plants and their extracts to offer effective alternatives to the use of antibiotics. This 'modern' approach has been heralded as the 'New Age of Infection Control and Eradication'.

This new range of organic oils and plant extracts are based on plant and vegetable oils treated with ozone. These extracts undergo a chemical reaction to form thick, viscous oil, or in some cases, a petroleum jelly-like product called an oil-gel. The final product contains ozonoids. Ozonoids have a pharmaceutical activity similar to ozone gas, but at a reduced activity level. They are bactericidal, fungicidal, and viridical. Research has shown they help stimulate cell growth and repair.

These treated oils are chosen for their innate healing properties; ozonoids enhance this effect. Bacterial resistance to ozone has never been reported, nor to this range of ozonated natural extracts. Their use is safe, effective and offers a natural pathway towards health. They are non-toxic and suitable for use for infants, children and adults.



Ideal for: damaged skin tissue, cuts & abrasions

This unique transdermal skin cream regenerates skin tissue instantly, whilst restoring the skin's moisture balance, it provides essential nutrition for the skin.

Active Ingredients:  
CoEnzyme Q10, Alpha-Lipoic Acid, Avocado or Hemp Extract, Frankincense.



Ideal for: acne, pimples, athlete's foot, shingles & herpes

This treatment gel is absorbed instantly into acne infected areas, eliminating bacteria which reduce inflammation of comedones & other acne related skin disorders. The active properties of ozone aid in the healing process of damaged skin tissue.

Active Ingredients:  
Eucalyptus Hydrosol; Sesame, Aloe and Avocado or Hemp Extracts; Potassium Sorbate.



Ideal for: eczema, rashes, irritation, hives, insect bites & stings

This organic ozonated gel is absorbed into the irritated skin tissue instantly, calming & soothing the problem areas.

The healing extracts of the gel aid in the repair & nutrition of the inflamed areas.

Active Ingredients:  
Potassium Sorbate, Sceletium, Colloidal Silver, Avocado or Hemp Extract, African Griffonia & Passionflower Tinctures.



Ideal for: treatment of surgical sites & scarring

This ozonated Scar Cream is an integral component of rejuvenating damaged scar tissue. It accelerates the healing process of old & new scarring.

Active Ingredients:  
Potassium Sorbate, Frankincense, Myrrh, Cedar Wood, Helichrysum, and Avocado or Hemp Extracts.



Ideal for: burns/heat-damaged skin

This soothing ozonated cream instantly absorbs into the skin relieving & healing burns & heat damaged skin. The active properties of Aloe & Lavender have a cooling effect on the skin.

Active Ingredients:  
Honey; Avocado or Hemp, Aloe, & Lavender Extracts.

**Information Sheet for HN-Plant Oils and HN-Skin Preparations**  
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**General Information;**

**Transdermal Skin Preparations.**

The use of natural extracts and products for infection control and eradication, and to stimulate accelerated tissue healing, has been documented since Ancient Egyptian times – about 2,500 – 3000 years ago. Medical Research is re-discovering the lost art of the use of plants and their extracts to offer effective alternatives to the use of antibiotics. This 'modern' approach has been heralded as the 'New Age of Infection Control and Eradication'.

This new range of transdermal skin preparations are based on plant and vegetable oils treated with ozone. These extracts undergo a chemical reaction to form thick, viscous oil, or in some cases, a petroleum jelly like product called an oil-gel. The final product contains ozonoids. Ozonoids have a pharmaceutical activity similar to ozone gas, but at a reduced activity level. They are bactericidal, fungicidal, and viricidal. Research has shown they help stimulate cell growth and repair.

These treated oils and extracts are added into the skin preparations. The ingredients are chosen for their innate healing properties; ozonoids enhance this effect. Bacterial resistance to ozone has never been reported, nor to this range of ozonated natural extracts. Their use is safe, effective and offers a natural pathway towards health.

**Storage:** Please refrigerate or keep in a cool, dark place. Do not freeze. Store upright to avoid slight leakage. Replace the container lid when not in use.

**Spillage:** Clean up oil spills and dispose of carefully. The oils are non-toxic or flammable in normal temperatures and working environments.

**Container Disposal:** Dispose of the containers with care and consideration to your environment. Use a recycling centre if possible.

**Inflammability:** This product is not inflammable under normal temperatures and conditions and use. Do not expose to heat sources or naked flames.

**Allergenicity:** Our products do not contain pea-nut oil extracts. Some of our products contain honey extracts. If there is a past history of allergy to bee products, these products should not be used unless skin tested previously.

**Eye Contamination:** Avoid the use of these oils in eyes. There are no studies available to show effectiveness for eye infections or conditions. Please consult your general medical practitioner for treatment for eye infections.

**Pregnancy:** There is no evidence to show the products we use in this range are harmful to you or your unborn child. If you have any doubts, please consult with your medical practitioner before usage.

**These products are intended for External Use ONLY:** these products are intended for superficial, external use and oral use. Please see **Application and Instructions**. If you have any concerns or questions, please contact Lime Technologies at [info@limetechnologies.net](mailto:info@limetechnologies.net).

**If you are in any doubt,** ask a doctor or pharmacist before use if you are using any other topical medications at the same time or immediately following use of this product. This may increase dryness or irritation of the skin. If this occurs, only one medication should be used unless directed by a doctor.

**Treatment Duration:** For areas of infection, the treatment time is from 4 – 14 days. For the treatment of skin surface ulcers, the treatment time for small areas is 1-2 weeks, for large ulcers, from 3 to 4 months. Healing time is dependant on the age of the patient, the medical status of the patient, and the size of the lesion being treated.

If in any doubt, contact Lime Technologies at [info@limetechnologies.net](mailto:info@limetechnologies.net). Further information is available from the Internet and World Wide Web on [www.limetechnologies.net](http://www.limetechnologies.net).

**Ingredients:** All the products used to make these ozonated oils and trans-dermal gels are 100% organic, grown and sourced in South Africa. There is a large body of scientific research showing the effectiveness of these oils in infection control and healing. These oils are purified, and then taken to an oil-gel finish. They are available now in oil, and oil-gel form. These research papers can be found on the World Wide Web at [www.limetechnologies.net](http://www.limetechnologies.net)

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**Ozone Enhanced Transdermal Skin Preparations:**

**The HN-Transdermal Skin Preparations available;**

**HN-Thermo Gel:** Uses; Heat Burns, Superficial and Deep Burns, Trauma Injuries – Sun-Burn, burns from Cooking Utensils, Fire – Candles, following Radiation Therapy.

**HN-After-Sun Gel:** Uses; Sun-Burn, After-Sun.

**HN-Healing Cream;** Uses; Skin Surface Abrasions and Cuts, Skin Ulceration, Cosmetic re-contouring – eg, Face Lift, Chemical Skin Peels, Surgery Sites / Surgical Suture Lines.

**HN-Scar Cream;** Uses; Surgery Sites / Surgical Suture Lines, to avoid Keloid Scar Tissue Formation.

**HN-Eczema Gel;** Uses; Eczema, Rashes, Irritation, Hives, Insect Bites & Stings.

**HN-Acne Gel;** Uses; Acne Vulgaris, Pimples, Pustules, Infected Hair Follicles, Athlete's Foot, Herpes Infections.

**HN-Gum Gel;** Uses; Gum Boils, Periodontal Disease Infections, Bleeding Gums, Mouth Ulcers, Hot Food Burns and Blisters, Cuts and Wounds.

**HN-DeStresser Gel;** Uses: Assists with sleep and stressful situations.

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**Application and Instructions:**

**HN-Thermo Gel:**  
**Ingredients:** Water, Arabic and Guar Gum, Honey, Avocado, Hemp and Aloe Extracts, Lavender Hydrosol.

Uses; Heat Burns, Superficial and Deep Burns – burns from Cooking Utensils, Fire eg, Candles, Fires, following Radiation Therapy.

**Sun, Radiation, Laser Burn:** Wash and dry your hands. Apply a thin layer of **HN-Thermo Gel** over the affected skin surface. Seek medical help if necessary. Re-apply every 3-4 hours after re-cleaning the affected surface. Cover with a dressing if possible. Seek medical help if necessary.

**Superficial Burns:** Clean the affected skin surface with cooled boiled or sterile water. Dry and Apply a thin layer of **HN-Thermo Gel** over the affected skin surface. Seek medical help if necessary. Re-apply every 3-4 hours after re-cleaning the affected surface. Cover with a dressing if possible.

**Deep / Extensive Burns:** Apply a thin layer of **HN-Thermo Gel** over the affected skin surface. Cover with a dressing if possible. Seek medical help urgently.

**HN-After-Sun Gel:**

**Ingredients:** Water, Arabic and Guar Gum, Honey, Avocado, Hemp and Aloe Extracts, Lavender Hydrosol.

Uses; **After-Sun:** Apply **HN-Thermo Gel** at regular intervals during exposure to sunshine, at least once every 30 minutes in strong sunshine. It is important to take additional precautions if you have a fair skin type, or are prone to sun-burn.

**HN-Healing Cream:**

**Ingredients:** Water, Coconut Oil Cream, CoEnzyme Q10, Alpha-Lipoic Acid, Hazelnut, Hemp and Avocado Extracts, Frankincense.

Uses; Skin Surface Abrasions and Cuts, Skin Ulceration, Cosmetic re-contouring – eg, Face Lift, Chemical Skin Peels, Surgery Sites / Surgical Suture Lines,

**Skin Surface Abrasions and Cuts:** Clean the affected skin surface with cooled boiled or sterile water. It is important if possible to remove all foreign bodies from the skin surface, such as gravel, small stones, sand, and dirt. Dry and apply a thin layer of **HN-Healing Cream** over the affected skin surface. Re-apply every 3-4 hours after re-cleaning the affected surface. There is no need to cover unless protection from further trauma is required, or work place health and safety regulations require wound coverage.

**Skin Ulceration:** Clean the ulcer site and surrounding area with cooled boiled or sterile water. Dry to a damp surface if possible and apply a thin layer of **HN-Healing Cream** over the ulcer site and surrounding skin edge. Re-apply every 3-4 hours after re-cleaning the affected area. There is no need to cover unless protection from further trauma is required, or work place health and safety regulations require wound coverage.

**Skin Wounds:** If possible clean your hands and the affected skin surface with cooled boiled or sterile water. Remove all parts of the thorn or splinters if possible. Dry and apply a thin layer of **HN-Healing Cream** over the affected skin surface. Seek medical help if necessary. Re-apply every 3-4 hours after re-cleaning the affected surface. Cover with a dressing if possible. Seek medical help if necessary.

**Surgery Sites / Surgical Suture Lines:** Clean the suture line with cooled boiled or sterile water. Dry and apply a thin layer of **HN-Healing Cream** over the affected skin surface. Re-apply every 3-4 hours after re-cleaning the affected surface. There is no need to cover unless protection from further trauma is required, or work place health and safety regulations require wound coverage.

**HN-Scar Cream:**

**Ingredients:** Water, Arabic and Guar Gum, Potassium Sorbate, Frankincense, Myrrh, Cedar Wood, Helichrysum, Avocado and Hemp Extracts.

Uses; Surgery Sites / Surgical Suture Lines, to avoid Keloid Scar Tissue Formation

**Skin Wounds:** If possible clean your hands and the affected skin surface with cooled boiled or sterile water. Remove all parts of the thorn or splinters if possible. Dry and apply a thin layer of **HN-Scar Cream** over the affected skin surface. Seek medical help if necessary. Re-apply every 3-4 hours after re-cleaning the affected surface. Cover with a dressing if possible. Seek medical help if necessary.

**Surgery Sites / Surgical Suture Lines:** Clean the suture line with cooled boiled or sterile water. Dry and apply a thin layer of **HN-Scar Cream** over the affected skin surface. Re-apply every 3-4 hours after re-cleaning the affected surface. There is no need to cover unless protection from further trauma is required, or work place health and safety regulations require wound coverage.

**HN-Eczema Gel:**

**Ingredients:** Water, Arabic and Guar Gum, Potassium Sorbate, Sceletium, Colloidal Silver, African Griffonia and Passionflower Tincture, Avocado and Hemp Extracts.

Uses; Eczema, Rashes, Irritation, Hives, Insect Bites & Stings

**Eczema:** Clean the affected skin surface with clean water and a non-allergenic soap and dry well. Apply **HN-Eczema Gel** to all affected areas. Apply twice daily.

**Insect Bites & Stings:** Clean the affected skin surface with cooled boiled or sterile water. Make sure any residual sting or insect parts are removed from the bite/sting area. Dry and apply a thin layer of **HN-Eczema Gel** over the bite or sting surface. Seek medical help if necessary. Re-apply every 3-4 hours after re-cleaning the affected surface.

**HN-Acne Gel:**

**Ingredients;** Water, Arabic and Guar Gum, Helichrysum, Sesame and Aloe Extracts, Potassium Sorbate

Uses; Skin Infections: Bacterial: eg Pimples, Acne. Fungal: eg Athlete's Foot. Viral: eg Shingles, Lip Herpes

**Bacterial: eg Acne** Clean the affected skin surface with cooled boiled, sterile water or skin cleanser. Dry and apply a thin layer of **HN-Acne Gel** over the affected skin surface. Re-apply **HN-Acne Gel** every 3-4 hours after re-cleaning the affected surface. There is no need to cover with a dressing.

**Fungal: eg Athlete's Foot** Clean the affected skin surface with cooled boiled or sterile water. Dry and apply a thin layer of **HN-Acne Gel** over the affected skin surface and between the toes. Re-apply **HN-Acne Gel** every 3-4 hours after re-cleaning the affected surface. Wear open shoes to allow the foot to remain dry. Change socks every day and wash following manufacturer's instructions.

**Viral: eg Shingles, Lip Herpes** Clean the affected skin or lip surface with cooled boiled or sterile water. Dry and apply a thin layer **HN-Acne Gel** over the affected skin surface. Re-apply **HN-Acne Gel** every 3-4 hours after re-cleaning the affected surface. There is no need to cover unless protection from further trauma is required, or work place health and safety regulations require wound coverage.

**HN-Gum Gel:**

**Ingredients;** Water, Arabic and Guar Gum, Myrrh, Avocado and Hemp Extracts, Colloidal Silver, CoEnzyme Q10.

Uses; Gum Boils, Periodontal Disease Infections, Bleeding Gums, Mouth Ulcers, Hot Food Burns and Blisters, Cuts and Wounds.

**Gum Boils, Ulcers, Burns, Cuts and Wounds:** Clean the affected mouth surface with cooled boiled or sterile water. Apply a thin layer of **HN-Gum Gel** over the affected skin surface. Seek medical or dental help urgently if the infection is extensive.

**Periodontal Disease:** After thorough professional debris removal, use **HN-Gum Gel** on either an interdental brush or dental floss.

**Bleeding Gums:** Apply **HN-Gum Gel** around the affected areas with a small brush, or an interdental brush. Seek dental help if the bleeding does not settle after a few days.

**HN-DeStresser Gel:**

**Ingredients;** Water, Arabic and Guar Gum, African Griffonia, Sceletium, Valerian and Passion Flower Extracts, Lavender Hydrosol.

Uses; Assists with sleep and stressful situations.

At the end of a stressful day, or just when you want to unwind, this is the perfect choice. Simply massage 2 to 5 squirts of **HN-DeStresser Gel** over the back of your neck, and feel the stress flow away within minutes.

**HN-DeStresser Gel** can be used for infants and children – simply take 1-2 squirts and rub this gel in feet or ankles, and watch them drift into a relaxed and natural sleep. Perfect for long travel journeys or when flying.