

Components of DERMAGRAN® Products

Components*	Characteristics	Benefits
Ionically Bonded ZINC ⁺⁺	<ul style="list-style-type: none"> Freely available in ionic form. 	<ul style="list-style-type: none"> Guarantees bioavailability for better absorption. Has an antioxidant effect, protecting cell membranes from oxidative damage. Essential for cellular reproduction. Metalloproteinase. Cofactor. Cost effective therapy: requires small quantities of product during application.
Minerals (Ca, Mg, Na)	<ul style="list-style-type: none"> Topical nutrition. 	<ul style="list-style-type: none"> Aids collagen synthesis.
Vitamins (A & B6)	<ul style="list-style-type: none"> Tissue nutrition. Decreases skin pH. Antioxidant properties. 	<ul style="list-style-type: none"> Prevents bacterial colonization, improves epithelial growth.
Lubricants	<ul style="list-style-type: none"> Skin lubrication and hydration. 	<ul style="list-style-type: none"> Prevents dry and irritated skin.

* This list is not intended to be a reflection of all components in all products

Recommendations for Wound Care

- Wound cleansing should be carried out preferably by irrigation; do not use a pressure higher than 8 psi in order to protect the new granulation tissue while helping exudate removal.
- Do not rub the wound to avoid damage to new cells and break up of newly formed epithelium.
- Minimize the use of antiseptics to avoid destruction of newly formed cells.

Description	Part Number	Quantity per case
DERMAGRAN® Spray 4 oz (118ml)	DM-4	12 units
DERMAGRAN® Ointment 4 oz (11gr)	DT-4	12 units
DERMAGRAN®-B Hydrophilic Ointment 3 oz (85gr)	SPD-03	12 units
DERMAGRAN® Hydrophilic Gauze	SPD-20	200 units (2" x 2")
	SPD-21	60 units (4" x 4")
	SPD-24	15 units (8" x 4")

Referencias bibliográficas:

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DERMA GRAN®

Innovation in Skin Care and Wound Healing



With Zinc-Nutrient Technology



Nutrition & medical products for a healthier life

Skin Protection

DERMAGRAN® is the only system which offers complete topical nutrition provided by its ionically bonded Zinc, mildly acidic pH, vitamins and minerals, thus preserving skin integrity and preventing tissue damage.

DERMAGRAN® incorporates Zinc⁺⁺ salts with a weak ionic bond, which allows the Zinc⁺⁺ to become easily detached and enter the cells to become incorporated in the intracellular metalloproteinases. ¹

Zinc⁺⁺ ...

- 1.... is a metalloproteinase cofactor used in collagen synthesis.¹
- 2.... promotes autolytic debridement by stabilizing metalloproteinases (collagenases).¹
- 3.... improves epithelial cell growth and scar formation.¹
- 4.... in a humid environment, promotes angiogenesis through the formation of endothelial tissue.^{2, 3}
- 5.... has antioxidant properties.^{4,5,6,7}

The DERMAGRAN® system for skin protection consists of DERMAGRAN® Spray and DERMAGRAN® Ointment:

- They can be used together or individually.
- They provide hydration, allowing their use as skin protectors and restorative agents.
- They guarantee an acidic environment conducive to epithelial growth.

Indications:

DERMAGRAN® Spray and DERMAGRAN® Ointment:

Use as skin protectors to create a moisturizing barrier in superficial wounds such as:

- Stage I pressure ulcers.
- Abrasions.
- Dry and irritated skin.
- Contact Dermatitis (diaper rash).
- Irritation due to incontinence.
- Sunburns.
- Burns caused by radiation therapy.



Wound Healing

The DERMAGRAN® system for wound healing consists of DERMAGRAN® Spray, DERMAGRAN® -B Hydrophilic Ointment and DERMAGRAN® Hydrophilic Gauze:

- Delivers topical nutrition support and protection in an optimally acidic and moist environment, to accelerate scar formation.
- Promotes autolytic debridement.
- Helps in collagen synthesis.
- Improves epithelial growth and scar formation.
- Promotes angiogenesis and endothelial tissue proliferation.
- Acts as a buffer to maintain a balanced pH.
- Inhibits bacterial growth due to its slightly acidic pH.

In partial thickness wounds

Indications:

- Second intention closure.
- Diabetic foot ulcers.
- Second degree burns.
- Venous ulcers.
- Stage II pressure ulcers.



In full thickness wounds

Indications:

- Deep and/or tunneled wounds.
- Stage III and IV pressure ulcers.
- Necrotic tissue.
- Third degree burns.

