THE MEDITERRANEAN IS OUR INSPIRATION

NATURAL INGREDIENTS FOR NUTRACEUTICAL AND COSMETIC APPLICATIONS

BIONAP srl
Bioactive Natural Products
Who we are
Founded in 1997, BIONAP is an Italian company which produces standardized extracts for nutraceuticals and cosmeceuticals. Our mission is to discover active substances contained in Mediterranean foods and plants and to create ingredients for wellbeing and beauty products.

Quality and Research
From the initial selection of raw materials to the final extracts, BIONAP strictly controls the whole production process to ensure the highest manufacturing standards. The efficacy and safety of BIONAP extracts are supported by continuous scientific research and the effectiveness of BIONAP ingredients has been proven by several experimental and clinical trials, published in international scientific journals. Innovative technologies and our qualified team of experts make BIONAP a serious and reliable partner.
SKIN MOON®
TESTED SKIN-WHITENING EFFECT FROM PLANT EXTRACTS

OPUNTIA BIOCOMPLEX SH
OPUNTIA POLYSACCHARIDES FOR SKIN MOISTURIZING AND REPAIR

SKIN SAVE®
THE POWER OF MEDITERRANEAN EXTRACTS FOR SENSITIVE SKIN

OLEA-HT 10
TO PREVENT THE SIGNS OF PHOTOAGING ON YOUR SKIN

RENEGRAPE®
THE ANCIENT TRADITION FOR A SAFE SKIN RENEWAL

FLAVOSLIM™
TO IMPROVE CELLULITE SKIN APPEARANCE, THE LIPOLYTIC EFFECT OF BERGAMOT FLAVONOIDS

MUCOSAVE®CG
TOPICAL ACTIVE PROTECTION OF SENSITIVE MUCOSAE

FROM BY-PRODUCTS OF MEDITERRANEAN AGRICULTURAL PRODUCTION
MADE IN SICILY
PRESERVATIVES FREE
**SKIN SAVE®** is a blend of herbal extracts from Opuntia ficus indica (cladodes), Capparis spinosa (buds) and Olea europaea (leaves). It can be successfully used in topical supportive treatments of contact dermatitis, seborrheic dermatitis, acne, skin inflammatory processes and itching.

<table>
<thead>
<tr>
<th>COMPOSITION</th>
<th>SKIN SAVE® (g/g)</th>
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</thead>
<tbody>
<tr>
<td>Capparis spinosa extract (buds)</td>
<td>18-20</td>
</tr>
<tr>
<td>Opuntia ficus indica extract (cladodes)</td>
<td>13-15</td>
</tr>
<tr>
<td>Olea europaea extract (leaves)</td>
<td>15-18</td>
</tr>
<tr>
<td>Total polyphenols (HPLC method)</td>
<td>2-3</td>
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</tbody>
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**What it does**
The healthy effects of **SKIN SAVE®** on sensitive skin are attributed to the threefold action of its active components:
- polysaccharides from Opuntia ficus indica that have wound-healing and immunostimulant activities;
- olive biophenols which induce a soothing and lenitive skin effect;
- flavonoids from Capparis spinosa with desensitizing effects.

Thanks to these actions, **SKIN SAVE®** is effective in inhibiting skin damages induced by excessive sun exposure, heat burns, radiotherapy, insect and jellyfish stings.

**How to use**
**SKIN SAVE®** has a wide range of applications. It can be used in products for sensitive skin, baby care, after sun, aftershave, cosmeceutical treatments of acne, dermatitis, psoriasis, insect stings, couperose.

Recommended usage concentration: 2-3% (w/w) in 3.5-6.5 pH range

**INCI NAME:**
- Capparis Spinosa bud extract
- Opuntia ficus-indica extract
- Olea Europaea (Olive) leaf extract
- Maltodextrin
Scientific investigations of **SKIN SAVE®** protection on the skin

Each extract contained in **SKIN SAVE®** has shown to possess a considerable biological profile in several scientific studies carried out by different research groups (1-4). It is well known that Capparis spinosa flavonoids, when topically applied, have a marked inhibitory effect against histamine-induced skin erythema, whereas important anti-inflammatory and antioxidant activities are attributed to olive biophenols. Moreover, modern phytochemical and pharmacological investigations proved that Opuntia Ficus Indica polysaccharides possess a wound healing activity in large and full-thickness wounds by accelerating the re-epithelialization. Recently, protective effect of **SKIN SAVE®** on skin was evaluated by a clinical study carried out on 68 women undergoing a planned set of radiation therapy after breast-conserving surgery for which it was needful a regime of careful precautions for possible related skin diseases (3). In comparison with the commercial product, **SKIN SAVE®** topical application was significantly more effective in preventing or reducing acute skin reactions (Fig. 1).

![Graph](image)

**Fig. 1** Trends of erythema index (Δ E.I.) vs time (weeks) for subjects not treated (control), treated with a commercial product and treated with a formulation containing **SKIN SAVE®**

**REFERENCES**

WHAT'S THIS?

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