



*BioNike*  
HEALTH AND BEAUTY

STAY PROTECTED TODAY TO BE SAFE TOMORROW



## DEFENCE **SUN**

Stay protected properly today to be safe with your skin tomorrow.

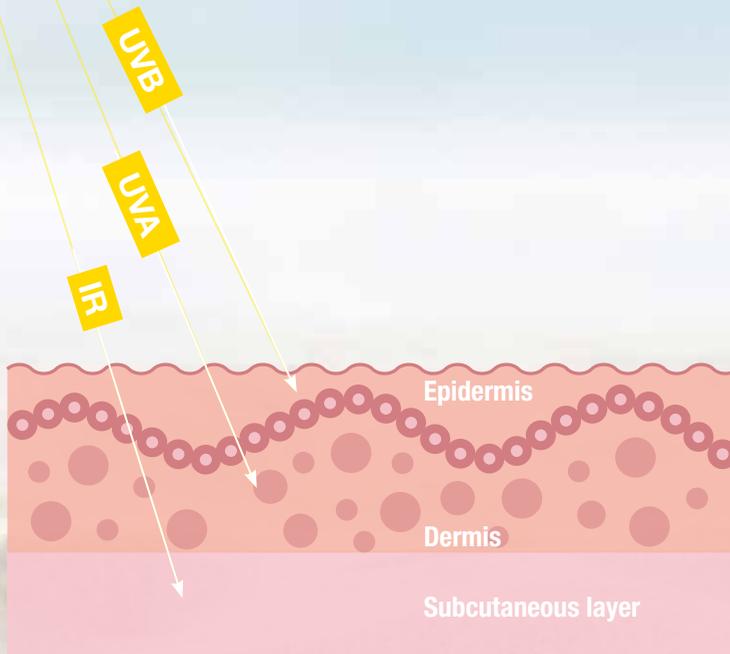
FOR THE SAKE OF SENSITIVE SKIN | NICKEL TESTED ✓ FREE FROM PRESERVATIVES · FRAGRANCES · GLUTEN

Basking in the sun is nice, good for your health and puts you in a good mood.

However, alongside the benefits, sun rays can also cause harmful effects to skin, which can also be quite serious.

Caution and protection is required while staying in the sun to prevent both short-term and delayed damage to skin, because

*“using a suscreen today means healthier skin tomorrow”.*



## SUN RADIATION AND ITS EFFECTS

**UVB** radiation causes immediately visible damage to skin (erythema, sunburn), yet can also trigger delayed damage, namely photocarcinogenesis.

**UVA** radiation penetrates skin and reaches the dermis, where it can damage cell DNA and weaken skin’s immune system (photoimmunosuppression).

**IR** (Infrared) radiation reaches the deep dermis where it induces the production of oxygen free radicals (ROS).

**UVA+UVB+IR** radiation can induce silent biological damage that tends to build up in time, with effects possibly showing after several years and leading to the risk of developing precancerous and cancerous lesions.

	UVA	UVB	IR
SHORT-TERM EFFECTS	Photoallergies Photodermatitis Phototoxicity	Erythema, sunburn	
LONG-TERM EFFECTS	Photoageing Photoimmunosuppression Involved in carcinogenesis	Triggers carcinogenesis	Speeds up photoageing Involved in carcinogenesis

# WHAT SUNSCREEN BEST SUITS YOU?

A **PHOTOTYPE** is a set of individual physical characteristics (ethnicity, eye and hair colour, how easily your skin gets darker). Having a particular phototype (I to VI) means having less or more melanin, thus less or more physiological protection against sun rays.

## PROTECTION LEVELS

As provided by the pertinent European Commission Recommendation, sunscreens are classified in 4 levels of protection, each matching a specific SPF value.

PROTECTION LEVELS	SPF
LOW	6 - 10
MEDIUM	15 - 20 - 25
HIGH	30 - 50
VERY HIGH	50+

*Ref. European Commission recommendation n° 2006/647/EC on the efficacy of sunscreen products and the claims made relating thereto.*

	FEATURES	HOW IT REACTS IN THE SUN	PROTECTION LEVEL REQUIRED
<b>PHOTOTYPE I</b> 	Red-blond hair and milk-white complexion or very fair with freckles. Blue/ hazel eyes.	Very sensitive, may develop erythema.	<b>Very high</b>
<b>PHOTOTYPE II</b> 	Golden-blond/ light brown hair, fair complexion and blue eyes.	Very sensitive, always burns easily in the sun	<b>Very high High</b>
<b>PHOTOTYPE III</b> 	Dark blonde/ brown hair, darker white complexion.	Sensitive, sometimes burns in the sun.	<b>High Medium</b>
<b>PHOTOTYPE IV</b> 	Dark brown hair and complexion that tends to be darker.	Moderately sensitive, burns minimally.	<b>High Medium</b>
<b>PHOTOTYPE V</b> 	Dark hair and dark/ olive coloured complexion, dark eyes.	Usually not sensitive, burns rarely.	<b>Medium</b>
<b>PHOTOTYPE VI</b> 	Dark hair and dark complexion, dark eyes.	Not sensitive, never burns.	<b>Medium Low</b>

Phototype classification according to Fitzpatrick

# TIPS

## PROPER SUN EXPOSURE



Avoid exposure during the hottest hours of the day (11 am - 3 pm)

Wear clothes, a hat and sunglasses for additional protection



Do not expose infants and young children to direct sunlight

Apply an adequate amount of sun protection and repeat application frequently.



Ref. European Commission recommendation n° 2006/647/EC on the efficacy of sunscreen products and the claims made relating thereto.

# FOR

## APPLYING SUNSCREEN PROPERLY

Did you know that reducing the amount of sunscreen applied to skin will also reduce the level of protection achieved?

To achieve the protection shown on the package (the SPF value), we need to apply the proper amount of product, as shown below:



### FLUID LOTION

Area	Adults	Children
A	3 pumps	2 pumps
B to I	8 pumps	6 pumps



### FACE FLUID

Area	Adults
A	5 pumps

### SPRAY LOTION

Area	Adults	Children
A	5 pumps	4 pumps
B to I	16 pumps	12 pumps



### FACE CREAM

Area	Adults
A	1 dose equivalent to the length of your index finger



Proper amount = 2 mg/cm<sup>2</sup> of skin, equivalent to about 36 grams of sunscreen for the body of an adult.

## PLEASE NOTE:

The number of *Pumps* recommended is for each single body *Area*

**A** Face and Neck **B** Chest and Abdomen **C** **D** Arms **E** **F** Front of legs **H** **I** Back of legs **G** Back



# DEFENCE SUN

BioNike DEFENCE SUN sunscreens have been formulated to provide protection against short- and long-term damage, thanks to:

- the innovative NETWORK EXPERT TECHNOLOGY, based on a special polymer which forms a three-dimensional mesh on skin to optimise the distribution and effectiveness of the UVA-UVB filtering system.
- the special PRO-REPAIR COMPLEX that strengthens the natural protection and repair mechanisms of skin, helping to counteract sun-induced damage deeper down in skin.



The **PRO-REPAIR Complex** makes **DEFENCE SUN** sunscreens work as adjuvant products for the protection of skin cells (keratinocytes) from ultraviolet radiation damage and for repairing biological damage.

**PROTECTION**  
from free radicals  
triggered by IR rays  
and damaging ef-  
fects by UV rays

## PRO-REPAIR Complex

NICOTINAMIDE  
B-GLUCAN/L-CARNOSINE  
patented association  
VITAMIN E

**REPAIR**  
of biological  
damage

Spray

## TRANSPARENT TOUCH NEW FORMULA

- New formula that optimises product dispensing
  - More sensorial, non-sticky texture

**UVA** + **UVB** • **WATER RESISTANT**



SPF  
50+

new

SPF  
30

## THE PROS OF A BAG-ON-VALVE (BOV) SPRAY

- No contact between propellant and product (better product protection)
- Ensures that all of the 200 ml of product are used
- Can empties 99%
- Spray flow is guaranteed whatever position the can is held in
- Use of non-flammable, safe and inert propellant (compressed air)



# PREPARING FOR SUN EXPOSURE

## FOOD SUPPLEMENT

- Prepares skin for sun exposure
- Strengthens defences against sun radiation
- Helps to prevent sunburn
- Favours a more intense and even tan

**HOW TO USE:** take one tablet a day after a meal. Begin treatment 20-30 days before sun exposure and continue throughout the exposure period.



30 tablets - total net weight of 20 g / 0.7 oz.

# BODY

# PROTECTION

UVA + UVB + IR • WATER RESISTANT

## SPRAY LOTION

- Very lightweight texture
- Handy application



200 ml / 6.76 fl. oz. spray bottle



## SUN OIL

- Nourishing texture
- Silky touch

150 ml / 5.07 fl. oz. spray bottle



## FLUID LOTION

- Fluid texture
- Ideal for the face and body



125 ml / 4.22 fl. oz. bottle with dispenser



## TAN ENHANCERS

### FLUID LOTION SPRAY LOTION



200 ml / 6.76 fl. oz. spray bottle  
125 ml / 4.22 fl. oz. bottle with dispenser



Ideal for dark skin or that is already tanned

### With the TAN-INTENSITY FACTOR\*

Special biomimetic peptide that speeds up natural melanin production

\* BIOMIMETIC PEPTIDE (INCI: acetyl hexapeptide-1) In vitro tested on melanocytes.

# FACE

# PROTECTION

UVA + UVB + IR • WATER RESISTANT



## MELTING CREAM

Normal and dry skin

- Soft, comfortable texture
- Not sticky



50 ml / 1.69 fl. oz. tube

## NO-SHINE FLUID

Normal and combination skin • DRY TOUCH

- Very lightweight, easily absorbed texture
- Provides a matte effect



50 ml / 1.69 fl. oz. bottle with dispenser



## SUN CREAM

All skin types

- Comfortable, lightweight texture
- Does not leave skin oily



50 ml / 1.69 fl. oz. tube

# SPECIFIC

# PROTECTION



10 g / 0.35 oz. case

ONLY MINERAL FILTERS

## SUN COMPACT FOUNDATION

(UVA) + UVB

SPF 50

- Minimises imperfections and provides a matte, even and natural finish
- Available in two colours: amber and bronze

## MINERAL CREAM

(UVA) + UVB + IR • WATER RESISTANT

- For skin that is particularly intolerant or fragilised
- Ideal for the face and body

SPF 30



100 ml / 3.38 fl. oz. tube



9 ml / 0.30 fl. oz. stick

SENSITIVE SKIN AREAS

## SUN STICK

(UVA) + UVB • WATER RESISTANT

SPF 50+

- Specific protection for very sensitive skin areas
- Soft texture, transparent upon application

SEBORRHEIC, ACNE-PRONE SKIN

## ACTEEN SUN CREAM-GEL

(UVA) + UVB + IR • WATER RESISTANT

SPF 50+

- Counters the sun-induced thickening of the stratum corneum
- Has a dry-touch texture and includes sebum-normalising active ingredients
- Tested to be non-comedogenic



50 ml / 1.69 fl. oz. tube

# AFTERSUN

Sun-induced damage doesn't occur only while you're in the sun. It can actually worsen after sun exposure. DEFENCE AFTER SUN PRODUCTS include the special **PRO-REPAIR COMPLEX** to support the natural repair mechanisms of skin and extend protection well after you've stepped out of the sun.

## REHYDRATING AFTER SUN LOTION

- Lightweight, rapidly-absorbed texture
- Gives an instant sensation of freshness
- Rebalances the natural hydration levels in skin

200 ml - 400 ml / 6.76 - 13.52 fl. oz.



## SOOTHING AFTER SUN CREAM

- Specific formulation to effectively soothe burning and heat sensations
- Includes a blend of soothing and re-epithelising active ingredients
- Help to reduce skin redness

75 ml / 2.53 fl. oz. tube

# PROTECTION FOR Baby&Kid

In the sun, the skin of children is certainly more vulnerable and delicate compared to adult skin, thus requires additional care.

Products have been specifically developed to protect the skin of newborns and also suit toddlers and kids that wish to stay in the sun to play with water and sand.



## CHILDREN

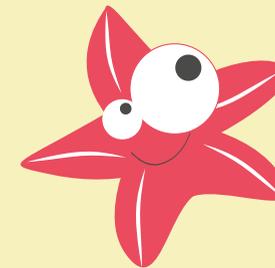
### FLUID LOTION SPRAY LOTION

- Lightweight textures
- Easy to spread over skin
- Non-sticky
- **Tested to be sand-resistant\***



125 ml / 4.22 fl. oz. spray bottle

125 ml / 4.22 fl. oz. bottle with dispenser



### SOOTHING AFTERSUN LOTION

- 1% panthenol to effectively soothe skin
- Feels fresh to suit the delicate and sensitive skin of children
- Attenuates skin redness and gives immediate relief

125 ml / 4.22 fl. oz. bottle with dispenser



\*Tested to be sand-resistant: indicates the property of a sunscreen to not retain sand. Special test designed for BioNike by ISPE - Institute of Skin and Product Evaluation, Milano, Italy



*BioNike*  
HEALTH AND BEAUTY

For the sake of sensitive skin

NICKEL TESTED | *i* FREE FROM PRESERVATIVES · FRAGRANCES · GLUTEN

## OUR MISSION

 Since 1960, BioNike has meant dermatological expertise, scientific innovation and commitment to ensure product effectiveness and high tolerability for the wellbeing of skin, even the most sensitive.

## BIONIKE'S GUARANTEES

- Nickel-tested: nickel in traces lower than 0.00001%\*\*
- Preservative-free
- Fragrance-free\*\*\*
- Gluten-free\*
- Strict selection of all components
- Very pleasant, highly tolerable formulations including cutting-edge active ingredients
- Products tested in vitro on a skin model replicating features and reactions of human skin
- Products clinically tested under medical supervision
- Research, innovation and high quality standards
- Commitment to social responsibility

**NICKEL TESTED** - Also residual nickel content can trigger allergic reactions or sensitisation, especially in allergy-prone subjects. Thus, each production batch is analysed to ensure a nickel content lower than 0.00001%.

**FREE FROM PRESERVATIVES** listed in Annex V of Regulation EC No. 1223/2009;

**FREE FROM** added **FRAGRANCES**;

**FREE FROM GLUTEN** - Does not contain gluten or its derivatives. This indication is provided to enable subjects with non-celiac gluten sensitivity to take an informed decision.

See [www.bionike.it/isenza](http://www.bionike.it/isenza)



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DEFENCE SUN  
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**MISTO**  
Carta de fonte gestite  
In maniera responsabile  
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