



BIOLINE
JATÒ



DE-OX
C EVOLUTION

Vitamin C
and beyond

Professional Manual



Oxidation and Glycation

THE DERMIS GIVES SKIN ITS STRENGTH AND ELASTICITY THANKS TO THE THREE-DIMENSIONAL ORGANISATION OF ITS FIBRES. OVER THE YEARS, THE SKIN'S SUPPORT STRUCTURES SUFFER THE HARMFUL MECHANISMS OF OXIDATION AND GLYCATION, TWO OF THE MAIN CAUSES OF SKIN AGEING.

Skin is subject to a series of harmful factors every day - pollution, excessive sun exposure, lifestyles and improper nutrition - which are collectively responsible for the dreaded **oxidative stress** and for the consequent accumulation of free radicals in cells. Scientific research has long used powerful active antioxidants to repair the damage and to protect the cells and structures of the skin from the harmful action of free radicals.

■ OXIDATION

A cut APPLE undergoes an oxidation process: its colour changes when in contact with oxygen.

The latest scientific studies have shown that a second process also plays a key role in skin ageing: **glycation**. This is a slow and irreversible process which generates Advanced Glycation End products (AGEs), harmful molecules that accumulate in the skin, causing a stiffening of the support structures and the disorganisation of the reticular dermis.

■ GLYCATION

a BREAD crust hardens due to glycation, becoming rigid and fragile at the same time.

The two processes interact continuously, amplifying each other and causing the most evident effects of **premature ageing** of the face and neck.

■ PREMATURE AGEING

- Expression lines
- Tissue relaxation
- Skin blemishes and dull complexion
- Capillary fragility

Every day, various elements oppose each other in our skin, both to the detriment and in defence of its youth: on one side there is the joint action of free radicals and AGEs, and against these the **natural defence mechanisms** supported and strengthened by cosmetic technological achievements.

■ NATURAL DEFENCE MECHANISMS

Enzymes, vitamins and trace elements are produced by the body to fight off ROS (Reactive Oxygen Species), but the growing influence of exogenous factors unbalances the natural defence mechanism.





De-Ox C Evolution

DE-OX C EVOLUTION HAS BEEN STUDIED BY BIOLINE-JATÒ LABORATORIES WITH A TWOFOLD OBJECTIVE: TO HAVE AN EFFECTIVE ALL-AROUND PROTECTIVE ACTION FROM ENVIRONMENTAL STRESSORS AND SIGNS OF AGEING.



3C Vitamin Pool, De-Ox Complex and AGL Dipeptide are the protagonists of this new combination: an innovative and effective synergy to ensure a powerful revitalising and protective effect.

A line that combines the most advanced forms of vitamin C with multi-purpose active complexes in order to protect the wealth represented by the beauty of **young skin**, and to reduce the appearance of the damage that the ageing process causes to **mature skin**.

Cutting-edge cosmetic formulations, characterised by extremely selective action mechanisms, release the active ingredients in the heart of the skin tissue, whilst maintaining high sensory performances.

■ YOUTHFUL SKIN

Energy, brightness and resistance to environmental stimuli.

■ MATURE SKIN

Renewal, increase in thickness, elasticity.

Clinically tested effectiveness*

INSTRUMENTAL MEASURED RESULTS CARRIED OUT ON VOLUNTEERS**

MOISTURIZATION	UP TO +68,4 % AVERAGE +35,5 %
ELASTICITY	UP TO +61,0 % AVERAGE +27,8 %
FIRMING EFFECT	UP TO +73,3 % AVERAGE +40,8 %
EXPRESSION LINES APPEARANCE	UP TO -53,9 % AVERAGE -27,5 %
GRAVITY FOLDS APPEARANCE	UP TO -59,4 % AVERAGE -20,6 %

SELF-ASSESSMENT QUESTIONNAIRE POSITIVE ANSWERS***

100 %	MORE HYDRATED SKIN
90 %	MORE RADIANT SKIN
100 %	SOFTER SKIN
100 %	SMOOTHER SKIN
90 %	IMPROVED SKIN ELASTICITY
70 %	FIRMER LOOK
90 %	REVITALIZED SKIN

* Tested home care products: booster serum POWER C, cream RADICAL CAPTURE, cream INTENSIVE CORRECTION, eye / lip cream INTENSIVE CORRECTION

** Clinical results carried out on 20 female volunteers for 4 weeks twice daily (home care products)

*** % of volunteers (20) who gave a positive answer after 4 weeks twice daily (home care products)



Vitamin C and beyond



3C Vitamin Pool

THREE DIFFERENT TYPES OF VITAMIN C, ARE COMBINED IN A BALANCED FORMULATION TO PROVIDE THE SKIN WITH MAXIMUM CONCENTRATION, ABSORPTION AND STABILITY. THE FUNDAMENTAL BASIS TO PROTECT ALL TYPES OF SKIN FROM THE DAMAGE CAUSED BY EXPOSURE TO ENVIRONMENTAL STRESSORS AND TO SAFEGUARD ITS INTEGRITY AND VITALITY.

■ CONCENTRATION, ABSORPTION AND HIGH STABILITY

A high concentration of active principles, skin penetration capacity and long term stability are the factors that determine the biological importance of vitamin C-based cosmetics.

L-ASCORBIC ACID CONCENTRATION AND EFFECTIVENESS

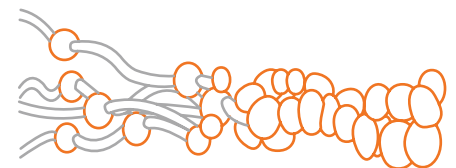
It is the purest and most active form of vitamin C, the most abundant antioxidant vitamin in the skin. It protects skin structures against environmental stress. It is essential for Elasticity and compactness.

■ COLLAGEN SYNTHESIS

Vitamin C is essential for collagen synthesis. Whenever reference is made to the renewal of collagen within the cosmetic field, one actually refers to a physiological process where a vitamin C intake is essential.

ASCORBYL PALMITATE STABILITY AND TOLERABILITY

A fat-soluble form of vitamin C characterised by high oxidation stability and high skin tolerance. Thanks to its affinity for lipids, it is quickly adsorbed by the skin protecting and strengthening it. It reduces the look of the signs of skin ageing.



ASCORBYL TETRAISOPALMITATE PENETRATION AND MULTI-FUNCTIONALITY

A multi-functional derivative of vitamin C, in a fat soluble form characterised by superior absorbency. It helps prevent the appearance of skin blemishes, protects against UVA and UVB rays and donates a firmer look.



VITALITY

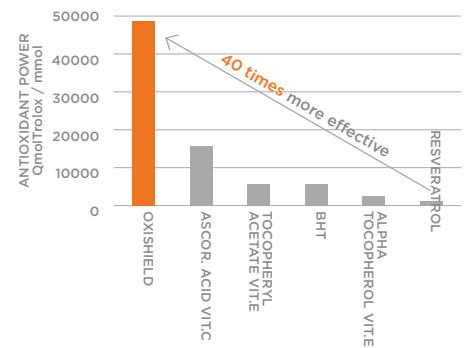


De-Ox Complex

A COMPLEX OF THREE ACTIVE INGREDIENTS WHICH WORK SYNERGISTICALLY, WITH A GLOBAL ACTION: A 360° PROTECTION FOR A BRIGHTER, FIRMER LOOK.

OXISHIELD ANTIOXIDANT SHIELD

Oxishield is a true protective screen with an unparalleled protective power, a fast action and a **superior efficacy** compared with that of the most famous antioxidants. It is a new generation active ingredient able to reduce the damage caused by exposure to environmental pollutants, to boost sun protection factors (sunscreen booster) and to protect the skin from the damage of IR radiation.

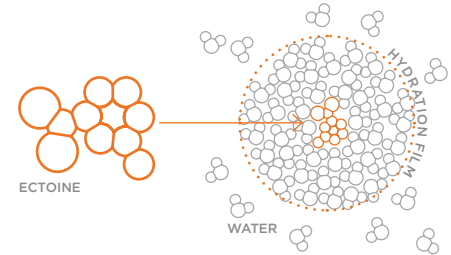


Source: Kalichem Italia - Brescia, Italy

ECTOINE NATURAL PROTECTION

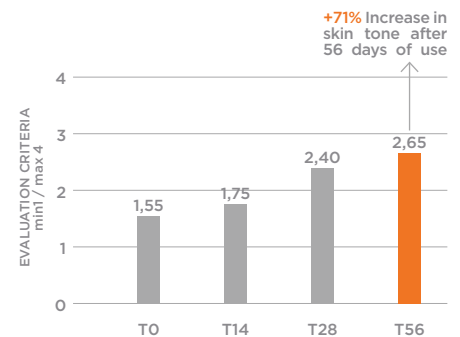
A functional substance of natural origin which helps organisms to survive in some of the most inhospitable places on Earth. Similarly on our skin, ectoine shields skin from environmental stress and protects the natural skin defense system. Moreover, it promotes its renewal.

Ectoine binds water molecules and creates the Ectoine Hydro Complex, a hydration film that preserves skin integrity and increases its hydration.



MASLINIC ACID CELL LONGEVITY

Maslinic acid is extracted from the olive tree through a highly technological process; this is a millennial beauty ingredient whose fruit is rich in compounds and bioactive substances. A powerful protective and a natural soothing agent, maslinic acid protects skin from environmental stressors. It also promotes a plumper, tonic look, donating skin elasticity and moisture.



Source: Eggroup - Barcelona, Spain



PROTECTION



AGL Dipeptide

AGL DIPEPTIDE IS THE SPEARHEAD OF THE DE-OX C EVOLUTION FORMULA: A NATURAL FUNCTIONAL PROTECTIVE SUBSTANCE OF PROVEN EFFECTIVENESS WHICH PREVENTS SKIN DAMAGE.

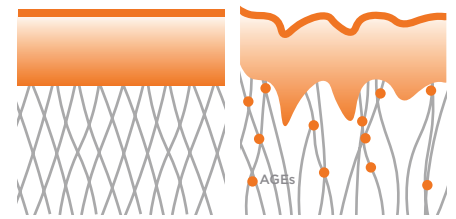
Glycation affects all of the body's proteins, including those of the dermis and, among these, mainly collagen, the most abundant skin protein.

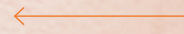
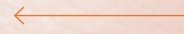
The collagen glycation process can be seen as a sort of "caramelisation": glucose (a sugar molecule normally carried in the blood) reacts spontaneously with the collagen and, subsequently, through a complex series of chain reactions, it creates advanced glycation by-products called AGEs (Advanced Glycation End products). These AGEs form molecular bridges between the collagen fibres which cause a disruption of the reticular dermis. This means there is a progressive loss of elasticity in the fibres which become rigid and unstructured.

AGL Dipeptide counteracts the loss of elasticity of the skin. Through an innovative mechanism, it acts at different levels, protecting the skin from environmental stressors and promoting a firmer and younger look.

CROSSLINKS IN THE COLLAGEN FIBRES

Collagen is an essential protein for the structure of the dermis: thanks to the three-dimensional organisation of its fibres, it gives the skin strength and elasticity. The glycation process creates irreversible bonds between the collagen fibres resulting in a hardening of the skin's support structures and the formation of wrinkles.





COMPACTNESS



Professional Products

SERUM VITAMIN C 15

Ascorbic Acid / Ascorbyl Tetraisopalmitate /
Ascorbyl Palmitate

An advanced combination of three different types of vitamin C, in high concentration, contained in an intensive serum with a powerful cosmetic action. An exclusive contribution of moisture, elasticity, and extraordinary brightness to the skin. An innovative formula incorporated into an active texture with a revitalizing effect and incredibly silky feel.



10x5 g - 10x0,17 fl.oz

PEEL-OFF MASK REVITALIZING

Diatomaceous earth / Alginate

A uniforming mask with seaweed extract: an authentic source of moisture that helps revitalize the face, restoring freshness and luminosity to dull, dry, and mottled skin. The skin takes on an incredibly soft veil that promotes the absorption of the previously applied active substances.



10x25 g - 10x0,88 fl.oz

CREAM INTENSIVE RADIANCE

Oxishield / Maslinic acid / Almond oil

A velvety and comfortable cream that encourages massaging and offers extreme sensory qualities during application. A formula with an illuminating effect, enriched with liporestoring plant oils that intensely nourish the skin and awaken its wellbeing. A texture that glides over the skin with an incomparable natural feel, bringing moisture and evenness to the face, neck, and décolleté.



200 ml - 6,7 fl.oz





Multi-Correction Professional Treatment

BEFORE STARTING THE TREATMENT

SURFACE CLEANING

Remove make-up using **Daily Ritual Gentle eye make-up remover biphasic**.

Cleanse and tone the face, neck, and décolleté with the **Daily Ritual milk-cream cleansing** and **lotion refreshing** most suitable to the type of skin.



DEEP CLEANING

According to the skin type, choose one of the following exfoliating products:

- **Daily Ritual Exfo mask exfoliating**, apply 10-20 ml of product on the face and neck using a brush. Leave on for 4 to 8 minutes. Rinse with warm water.
- **Daily Ritual Exfo scrub microgel**, apply 5-10 ml of product and massage with circular movements onto the face and neck, concentrating on the thicker zones. Rinse with warm water.



Apply **Bioaroma energy DRN oil** on the palm of the hand, rub hands together vigorously and perform pressure on the décolleté with alternating hands then use sliding movements on the face.

PHASE 1

Activate **De-Ox C Evolution serum vitamin C 15**. Screw the cap on the vial until the capsule is broken, making sure the powder comes out completely. Shake well until all powder is dissolved.

Apply the entire contents of the flask on the face, neck, and décolleté, and massage until completely absorbed.





PHASE 2

Apply 4-8 ml of **De-Ox C Evolution cream intensive radiance** on the décolleté using a brush. Massage the product, extending it to the neck and face. Proceed with the **Skin Roll massage** characterized by stimulating and oxygenating movements.

Face, neck, décolleté and shoulders massage studied in combination with the cosmetic treatment DE-OX C evolution in order to intensify its action and its performance. A sequence of specific manoeuvres that improves the tissue receptiveness, favors the absorption of the active ingredients and promote an intense stretching, draining and detoxifying aesthetic action.

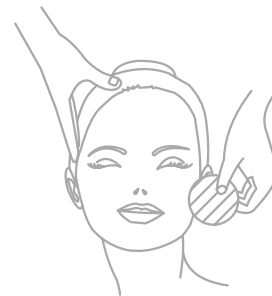


PHASE 3

Pour the contents of one sachet of **De-Ox C Evolution peel-off mask revitalizing** into a bowl. In another bowl mix 40 ml of **Daily Ritual Energy lotion refreshing** with 40 ml of hot water then combine the solution with the powder mask. Stir vigorously with a spatula, until you obtain an even and lump-free mixture.

After applying two cotton pads on the eyes, quickly spread the mask evenly over the face and neck. Leave to work for 15-20 minutes. Take off the mask by lifting it up from the bottom with your hands, and remove any product residue with a cotton pad soaked in **Daily Ritual lotion refreshing** most suitable to the type of skin.

Perform a stimulating “beater” toning using a disk soaked with **Daily Ritual lotion refreshing**.



PHASE 4

Finish the treatment by applying 1-2 ml of **De-Ox C Evolution cream intensive radiance** on the face, neck and décolleté, and massage until absorbed.

! THE HOME CARE PRODUCTS IN THE DE-OX C EVOLUTION LINE, WHEN USED IN SYNERGY WITH THE PROFESSIONAL TREATMENTS, ALLOW YOU TO MAXIMIZE THE RESULTS OBTAINED

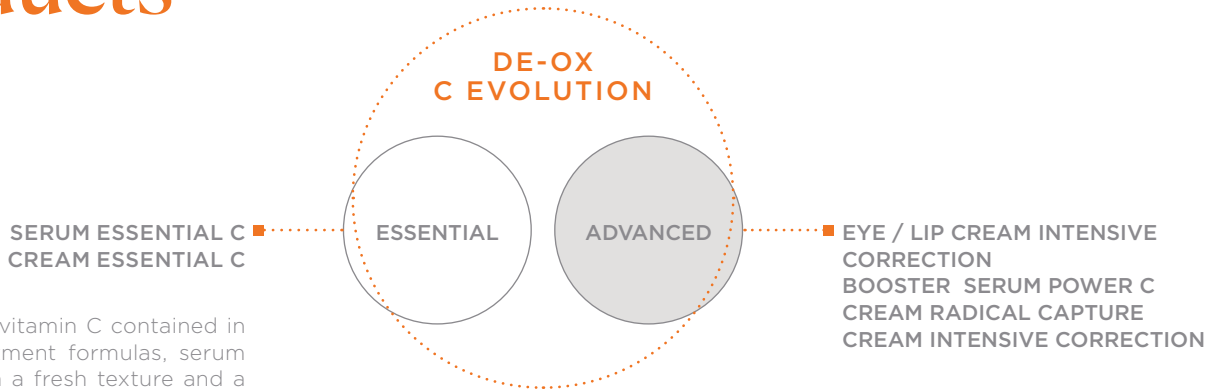


To enhance the action of the treatment and prolong its results:

- Proceed with the **FBE - relaxing and draining touch** before performing PHASE 1
- Perform the manoeuvres of the **FBE - firming touch** at the end of the treatment



Home Treatment Products



The essence of vitamin C contained in two home treatment formulas, serum and cream, with a fresh texture and a pleasant citrus scent, for your daily prevention and treatment. A quick and effective solution, particularly suitable for young skin frequently exposed to stress, sun and the harmful effects of the environment. A source of vitality for a beautiful and radiant skin every day.

From the Bioline-Jatò research, four new generation formulas help your skin every day in its natural defence process, protecting it from environmental aggressors. A home treatment program, designed for all skin types, which benefits from formulas enriched by multi-function active compounds. An exclusive association of 3C Vitamin Pool, DE-OX Complex and AGL Dipeptide to intensively revitalise, protect and give a new to your skin.

SERUM ESSENTIAL C

Vitamin C / Panthenol / Vitamin E

Serum with a melting and silky texture that revitalizes and recharges the skin's energy, moisturizing and illuminating the face and providing an immediate sensation of wellbeing. Delicately fragranced and rapidly absorbing, it is ideal for younger skin that recovers a uniform and vital appearance.



30 ml - 1,0 fl.oz

CREAM ESSENTIAL C

Vitamin C / Sweet orange extract / Shea butter

A concentrate of vitamin C contained in a fresh and soft texture. A burst of pure energy that melts into the skin, providing extraordinary luminosity and perfection day after day. It is ideal for younger skin, which are frequently exposed to stress and environmental damaging factors.



50 ml - 1,69 fl.oz



EYE / LIP CREAM INTENSIVE CORRECTION

Maslinic acid / Vitamin C / Eye & Lip Relief Complex

A unique balance of richness and lightness that delicately enfolds the most fragile areas of the face, reducing the visibility of lines, bags and dark circles. This velvety cream provides a fresh sensation of immediate wellness for a more luminous look and defined lip.



30 ml - 1,0 fl.oz

BOOSTER SERUM POWER C

Vitamin C / AGL dipeptide / Vitamin E

The power of a high concentration of vitamin C contained in a serum with a reinforced formula that illuminates, renews, and revitalizes the skin. An authentic starter of radiance and youth, it maintains the skin's natural elasticity and compactness over time.



30 ml - 1,0 fl.oz

CREAM RADICAL CAPTURE

Oxishield / Maslinic acid / AGL dipeptide

Formula that intensely stimulates and protects the skin, providing an invisible shield against external aggression. It reduces the appearance of the signs left by time, giving skin a unique luminosity and a sensation of complete wellness.



50 ml - 1,69 fl.oz

CREAM INTENSIVE CORRECTION

Ectoine / Vitamin C / Argan oil

Rich and precious cream that envelops the skin with an intensely nourishing film, leaving it compact, smooth, and incredibly soft. It takes advantage of nocturnal biorhythms and of the high concentration of ectoine to reinforce the skin defences, providing it with radiance and perfection.



50 ml - 1,69 fl.oz



Bioline Jatò

Recommendations

TO WHOM TO PROPOSE THE TREATMENT

The Multi-Correction Professional Treatment can be proposed to all types of skin that require excellent protection and an intensive aesthetic intervention to promote luminosity, elasticity, and skin moisture.

- Indicated for skin that is frequently exposed to the sun, UV lamps, pollution, damaging atmospheric agents (wind, cold, temperature changes, etc.) and stress.
- Recommended for mature, relaxed, prematurely aged, dull, opaque, and delicate skin, and skin with altered surface micro-circulation in order to recover tone and luminosity.
- Also ideal for young skin to prevent the damages of oxidation and maintain elasticity and compactness.

WHEN TO PERFORM THE TREATMENT

- At any time of the year in association with specific treatments such as the “Face Project”.
- Every once in a while to give new energy and vitality to the tissue and immediate splendour to the skin.

DURATION AND FREQUENCY OF TREATMENT

- **FOR AN INTENSE ACTION:** 5 close treatments (1 - 2 treatments per week).
 - **AS PREVENTION:** 1 treatment every 2 weeks for 5 sessions.
 - **FOR MAINTENANCE:** 2-3 sessions per year or as in the “Face Project”.
- ! The complete cycle of sessions may be repeated several times at any time of the year.

The naturalness of the formula could cause slight variations in the colour and/or odour that do not affect the aesthetic function.

WARNING

These are cosmetic products for professional use and therefore the instructions must be strictly followed.

The beautician must inform the consumer about the message contained in the precautions and warnings.

Before using, check the ingredient list to check for any intolerances or allergies.

For particularly sensitive patients we recommend a tolerance test, applying the product on the forearm and covering it with a patch for 24 hours.

After application, close the package and store at room temperature in a dry location away from sunlight and heat sources.

Avoid mixing with different substances not listed in the instructions. Avoid contact with the eyes, mucous membranes, and broken, irritated or diseased skin.

In case of contact with eyes, rinse thoroughly with water.

No danger under normal use conditions.

Do not swallow.

Keep out of reach of children.





BIOLINE SRL
MADE IN ITALY

Viale Bolognini 78
38122 Trento Italy
+39 0461 933209
bioline@bioline-jato.com
www.bioline-jato.com

