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D-FACTOR

CODE: D0101

ISSUE: 3

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PRODUCT IDENTIFICATION

Trade name:	D-FACTOR
Chemical name:	Immediate biochemical precursor of GAGs; non-sulphurated, extractive glycosaminoglycans in liophilized form; purity 98% in glycopyranosides.
INCI (EU) name:	HYDROLIZED GLYCOSAMINOGLYCANS
CTFA name:	HYDROLIZED GLYCOSAMINOGLYCANS
CAS number:	94945-04-7
EINECS number:	---
Characteristic:	D-Factor exhibits remarkable moisturizing properties stimulating the intradermal biosynthesis of the GAGs in the connective ground substance, related to the water-binding properties of these macromolecular complexes. Carrier of other cosmetologically active molecules, it increases effectively the capacity of some principles to reach the deeper epidermic cell layers, acting as a strong and physiological "penetrating factor". Besides, it normalizes the blood flow in skin microcirculatory district related to the higher elasticity of the perivascular connective tissue.
Application:	D- Factor is suggested for all moisturizing preparations, day creams, make up creams, moisturized hair creams (d.f.: 0,5 – 3%), ideal component for nourishing emollient creams for the improvement of dry and senescent skins and for the treatment of periorbital, perilabial and zygomatic small wrinkles. It is used for treatment of inaesthetisms of the subcutaneous connective-fatty tissue (cellulitis), post-pregnancy streaks, relaxed skins. Also used in phial (massive dose) and by ionophoresis, in doses to be evaluated from time to time, in accordance with the use and the presence in the preparation of other active ingredients.
Origin:	Biotechnological/marine

SPECIFIC CHARACTERISTICS

Main parameters checked on each production batch are listed in the attached SPECIFICA DI PRODOTTO (SPI). These values will be reported on the accompanying Certificate of Analysis for each batch.

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OTHER CHARACTERISTICS

- Allergens:** It is confirmed that the product complies with Europea Directive 2003/15/EC regarding the presence of 26 substances identified as allergen . Due to the nature of the materials used for our productions, it can be stated that these allergens are absent in the product. We can also confirm the absence of Methyleugenol (93-15-2),Xylene musks (81-15-2) and Ketone musks (81-14-1), as regulated by XXIX Commission Directive 2003/16/EC of 19 February 2003 adapting to technical progress Annex III to Council Directive 76/768/ECC.
- CMR:** It is confirmed that the product complies with Europea Directive 2003/15/EC regarding the presence of substance sCMR 1,2,3 (not even as impurty or reaction residues) . Due to the nature of the materials used for our productions, it can be stated that these substances are absent.
- OGM:** we certify the absence of OGM in the composition of the product.

TOXICOLOGICAL DATA

D-Factor consists of a combination of well established cosmetic raw materials and is generally considered to present no special hazards. Safety data sheet with complete information is available on request.

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SPECIFICA DI PRODOTTO

Specifica 407027

Prodotto D0101

D-FACTOR

Parametri di Specifica	Valori di Capitolato
CARATTERI	Polvere
Appearance	Powder
COLORE	Bianco sporco
Colour	Off white
ODORE	Caratteristico
Odour	Characteristic
SOLUBILITA'	Solubile in acqua,
-	insolubile in cloroformio
Solubility	Water soluble,
...	insoluble in chloroform
PUREZZA %	Non inferiore a 98,00
Purity %	Not less than 98,00
CONTAMINAZIONE MICROBICA	-
- Conta batterica totale ufc/g	Non superiore a 10
- Total bacterial count cfu/g	Not more than 10

This product must be preserved, handled and used following hygienic and safety rules of good industrial use and in compliance with effective law disposal. All information and data given herein are based on our present experience but are presented without warranty or responsibility of any kind.

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