



VEVY EUROPE RAW MATERIALS FOR COSMETIC AND PHARMACEUTICAL USE

SUMMARY

1. DICTIONARY OF VEVY EUROPE RAW MATERIALS	p. 3
2. SYNOPSIS OF VEVY EUROPE RAW MATERIALS	p. 33
3. EXAMPLES OF PRODUCTS ASSOCIATION	p. 52
4. RATIONAL PREPARATION OF BASES FOR SKIN APPLICATION	p. 55

March 2012

The constantly updated version of this product catalogue is available on www.vevy.com

The information contained in this data sheet, although valuable for qualified technicians, should not be construed as suggestions for indiscriminate use. We make no warranty, expressed or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine suitability of this information for their particular use.

All rights reserved. Texts are protected pursuant to the Law. No part of them may be reproduced in any manner or by any means without written permission from VEVY EUROPE.

CHIRONE.95.797.V20

VEVY EUROPE EDITOR

VEVY EUROPE

VeVy Europe is an industrial and research company specialized in fine chemicals, information technology and electronics.

The activities related to research and production earmarked for skin applications date from 1959; the primary object is to realize highly specialized raw materials and active ingredients.

The quick and continuous evolution in the field of dermatological and cosmetic products promptly inspires the study of innovative products, also in response to the positive contributions of market demand.

The activities connected to information technology and electronics officially started in 1987 to be in step with the unceasing technological progress which imposes the constant updating of equipment and operating systems in the industrial, scientific and office automation areas.

The activities are shared out among six divisions with the purpose of rationalizing and synergizing facilities and structures in order to offer vanguard solutions for the relative markets.

The DGC® trademark (Dermo Cosmetic Grade) identifies the highly specialized products of the Fine Chemical division and certifies that each product is:



- *Designed and developed for cutaneous application;*
- *Tested according to rigorous toxicological, cryptotoxicological, enzyme-kinetic and dermatological activity protocols, and consequently, does not interfere with the biochemistry of the cutaneous apparatus;*
- *Up-dated on the basis of scientific progress;*
- *Compliant with national and international regulations.*

These premises lead to the development of projects and products [regardless of their source] that are characterized by:

- *Safety (absence of harmful effects)*
- *Effectiveness (compliance with the promised and expected requirements)*
- *Stability (persistence of the stated characteristics)*

Each ingredient is presented in a wrapping of specialized services, which range from its scientific and technical documentation to the specific and qualified support for its proper use.



vevy europe 

VeVy Europe S.p.A., via Semeria 16^A, 16131 Genova, Italy
Fax +39 010 5225 025; e-mail info@vevy.com; Phone +39 010 5225 1

1. DICTIONARY OF VEVY EUROPE RAW MATERIALS

1.1 Glossary

[1] The physico-chemical data for Quality Control, with recommendations for use and storage, are reproduced in the updated technical file related to each product.

[2] DCG: Dermopharmaceutic & Cosmetic Grade.

(Raw materials certified for use on the skin and its annexes according to toxicological tests and cutaneous activity reported in the following pages).

[3] CAS Number assigned.

(Chemical Abstracts Service, based on the CAS scientific abstract program).

CAS Registry Numbers appended with an asterisk.

(It represents substances of *Unknown* or *Variable Composition*, *Complex Reaction Products* and *Biological Materials* (UVCB). These UVCB substances are not well defined, and do not have unique structural diagrams or specific molecular formulae; thus, in the CAS Registry database these substances receive only a CA Name (i.e., no structural diagram, no molecular formula) and a specific code (CTS or GRS) which identifies them as poorly defined substances. Whenever numbers for these substances are cited, as for example in the CA Registry Handbook-Number Section or in Inventory publications, they are clearly tagged (an asterisk appended to the Registry Number). These Registry Numbers are not included in the routine CA Number. These Registry Numbers are not included in the routine CA abstracting and indexing services and cannot be used to search the CA File available on CAS Online through STN International. To search the CA File for these substances, the Index Name or terms derived from the name(s) should be used to locate literature reference.

[4] RD Number assigned.

(Recognized Disclosure Numbers are nine-digit numbers starting with 977 that are assigned by the Center for Food Safety and Applied Nutrition of the FDA if an appropriate CAS number is not found).

[5] EINECS Number assigned.

(European Inventory Number of Existing Commercial Chemical Substances).

[6] INCI (International Nomenclature Cosmetic Ingredient) Name as published by CTFA in the IX Ed. (2002) of the International Cosmetic Ingredient Dictionary.

(CTFA = Cosmetic, Toiletry and Fragrance Association U.S.A.).

[7] FDA CRMCS Number assigned.

(The FDA Cosmetic Raw Materials Composition Statement Number is assigned for raw material identification purposes only and does not in any way denote approval of the firm or the raw material by the Food and Drug Administration: see 21 CFR 720.9 b).

[8] DIIC Number assigned.

(Dizionario Italiano Ingredienti Cosmetici). Italian Cosmetic Ingredients Dictionary.

[9] C.I. Number assigned.

[Color Index Number assigned by the Society of Dyers and Colorists (UK) and by the American Association of Textile Chemists and Colorists (USA)].

[10] FFD & CA denomination assigned.

(FD&C and D&C and Ext D&C names as assigned in the Federal Food, Drug and Cosmetic Act).

1.2 RAW MATERIALS

ACS-ANTICYTOSTRESSOR Vevy Codex: 13.4566

Innovative active ingredient. Antagonist of the skin stress hormones formation. It's use is pertinent in the three local treatment systems: antiageing, reconstitutive-reparative and protective-preventive

Properties: the injured epidermis produces stress-hormones autonomously: ACS-AntiCytoStressor allows to modulate this activity. Skin anti-inflammatory, antiageing and free radical scavenger, keratoplastic activity, treatment of dyskeratosis.

Use: 2%-3% according to the formulation.

Characteristics: [1], dark brown limpid liquid, soluble in water.

Toxicology: (2, tested DCG).

Classification: according to technical and safety data sheets.

ADF-OLEILE Vevy Codex: 04.0196

Viscosity controlling agent for the stability and texture of your O/W lotions. With ADF-Oleile they will never turn into creams!

Properties: The real dethixotropic agent. Powerful and safe rheological modifier for emulsions (viscosity regulator, anti-thickener). To bring back a creamy emulsion to its liquid state (stable milk). Lotions which contain it do not present thixotropic phenomena. It stabilizes non-ionic emulsions (co-emulsifier).

Use: O/W emulsions: 1.5%-4% make-up emulsions up to 6%.

Characteristics: [1], liquid colorless or pale yellow, water soluble.

Toxicology: (2, tested DCG).

Chemical Description: partially modified PPG-25 Laureth-25.

Classification: according to technical and safety data sheets.

AFRON-22 Vevy Codex: 01.0468

Properties: foaming detergent (non ethoxylated) biologically adapted. A correlation exists between detergent capacity (surfactants) and severe cutaneous irritation, enzymatic toxicity, cryptotoxicity, (see C2 Concepts and Cosmetology, 1987, Article 1, 23:24). A strict scientific study proves that its foam does not irritate sensitive, delicate or rough skins.

Use: shampoos, foam baths, make-up removal products: up to 40%.

Characteristics: [1], liquid, water soluble

Toxicology: (2, tested DCG).

Chemical Description: MEA-Lauryl Sulfate and Potassium Phosphate and Magnesium Aspartate and PEG-8.

Classification: according to technical and safety data sheets.

AFROSALT Vevy Codex: 12.0750

Properties: Composition of sea water salts with a reduced level of sodium chloride. For artificial thalassotherapy and cosmetic thermal baths also in association with Thalaton.

Use: saline toothpastes; tonics; special rinses (solutions or creams) for hair: 1%-10%. Filter the solutions to separate the micronised antihygroscopic silica

Characteristics: [1], hygroscopic crystals, water soluble. Emulsify with Isoxal-H.]

Toxicology: (2, tested DCG).

Chemical Description: partially modified Sea Salts

Classification: according to technical and safety data sheets.

ALCORAMNOSAN Vevy Codex: 04.0512

Properties: rheological additive. Gelling agent only for water/ethanol systems. It does not form any dry film on the surface of the skin (artificial desquamation). Transparent gelification of alcoholic lotions. Viscosity regulator in alcoholic emulsions proportionally to the dose employed (see Idroramnosan and Liporamnosan)

Use: after-shave: 0.3%-3%; toilettries 0.1%-2%.

Characteristics: [1], granular powder, soluble in water/ethanol 50:50.

Toxicology: (2, tested DCG).

Chemical Description: PEG-4 Cellulose

Classification: according to technical and safety data sheets.

ALUTRAT Vevy Codex: 12.0250

Properties: effective and safe astringent, without any of the inconveniences of chlorohydrates and other aluminum inorganic salts. Consequently, its range of use is very wide

Use: deodorants, tonic lotions, shaving foams, beauty masks, intimate detergents, treatment shampoos, toilet powders: 1%-8% according to the formula and the desired action

Characteristics: [1], hygroscopic crystals, water soluble and in hydroalcoholic solutions.

Toxicology: (2, tested DCG).

Chemical Description: Aluminum Hydroxypropanetricarboxylic Acid mono-di-salt.

Classification: according to technical and safety data sheets.

AMINOEFADERMA Vevy Codex: 18.1599

Properties: nourishing agent for skin suppleness, hair treatment and conditioning (see EPCH Vevy codex 14.1066)

Use: emulsions, lotions, gels, treatment shampoos: 2%-5%.

Characteristics: [1], liquid, soluble in water and in water/alcohol systems, partly soluble in oils

Toxicology: (2, tested DCG).

Chemical Description: PEG-4 EFA Proline Ester

Classification: according to technical and safety data sheets.

ARRECTOSINA Vevy Codex: 12.0785

Properties: hair erector for local use. Finds use in preshave products for electrical or blade razors

Use: preshave lotions or foams: 1%

Characteristics: [1], liquid soluble in water, ethanol, hydroglycolic and hydroalcoholic solutions

Toxicology: (2, tested DCG).

Chemical Description: Zinc and Propylene Glycol Hydroxypropanetricarboxylic Acid derivative

Classification: according to technical and safety data sheets.

AUGON-1000 Vevy Codex: 14.0198

Properties: emollient, moisturizer, W/O co-emulsifier, anti-oxidant

Use: special emulsions, anhydrous preparations: up to 10%

Characteristics: [1], yellow-brown paste, soluble in absolute alcohol and oils

Toxicology: (2, tested DCG).

Chemical Description: egg lecithin

Classification: according to technical and safety data sheets.

AUXINA TRICOGENA Vevy Codex: 13.0275

See also **AUXINA TRICOGENA ETHA-FREE** Vevy Codex: 13.4857

Properties: a natural product having a well-defined and definite activity on the hair vital cycle (anagen, catagen and telogen phases). Its action is specific and not indiscriminate for hair roots. The following are effective, safe stimulants which do not starve the bulb [see associations with BTN (Vevy codex 18.0523), Carbossalina (Vevy codex 18.1107), Hyaluramine (Vevy codex 17.0255), Tricosolfan (Vevy codex 13.2083), Laurene (Vevy codex 11.0496), Alutrat (Vevy codex 12.0250)]

Use: hair lotions, lotions for beard growth problems, shampoo and after-shampoo treatments, products for eyelash growth: 12%-15%. Superior doses give results which are more or less similar. Optimal effect after 7 days.

Characteristics: [1], variable yellow-amber liquid, alcoholic degree $65^{\circ}\text{C} \pm 1^{\circ}\text{C}$. Soluble in ethanol at 45°C . Stable in ethanol/water solution 69°C - 71°C

Toxicology: (2, tested DCG).

Chemical Description: Fractions of *Tussilago farfara* L., *folia*, *Achillea millefolium* L., *flores*, *Cinchona officinalis* L., *cortex*

Classification: according to technical and safety data sheets.

AZAMIDE Vevy Codex: 15.3711

Properties: lightener and for acne treatment

Use: 1%-5% cosmetic treatment of acneic skins. Cosmetic skin lightener

Characteristics: [1], ivory solid-flakes, light characteristic odour, it has the same properties of the azelaic acid without any drawbacks and side effects. It is composed of Azelamide MEA (INCI Name according the International Cosmetic Ingredient Dictionary and Handbook - 2006 Eleventh Edition) at 100%

Toxicology: (2, tested DCG).

Chemical Description: Azelaica monoamide

Classification: according to technical and safety data sheets.

BRAXICINA Vevy Codex: 13.0774

Properties: normalises sebum secretion. Natural active principle for the treatment of oily and acne prone skin.

Use: emulsions and products for the treatment of oily skin: 3%-8%

Characteristics: [1], yellow-brown liquid, soluble in lipidic systems

Toxicology: (2, tested DCG).

Chemical Description: Unsaponifiable Fraction of Brassica oleracea var. botrytis Oil

Classification: according to technical and safety data sheets.

BTN Vevy Codex: 18.0523

Properties: the initial success of rinses products was due to quats which nevertheless in the long term brought negative effects to hair. On this subject, BTN has scored a decisive advance. It is a trichotropic antistatic oil. Its compatibility with quats allows a reduced dose to be employed. After-shampoo products containing it bring to hair an astonishing suppleness and silkiness

Use: after-shampoos, hair lotions, rinse creams: 2%-6%

Characteristics: [1], light yellow liquid, soluble in oils, ethanol 95° at 10%

Toxicology: (2, tested DCG).

Chemical Description: Tridecyl o-Hydroxybenzoate

CARBOSSALINA Vevy Codex: 18.1107

Properties: a functional substance which is capable of neutralising the enzymotoxic effects of emulsifiers and surfactants in general

Use: emulsions, shampoos, foam baths, baby products: 0.5%-1%

Characteristics: [1], powder, soluble in water 60 ± 5 g/l

Toxicology: (2, tested DCG).

Chemical Description: Magnesium mono-Aspartate and PEG-8 Aspartate

Classification: according to technical and safety data sheets.

CETACENE Vevy Codex: 03.1350

Emollient, protective, diffusive agent. It assures stability, homogeneity, dispersiveness

Properties: Cetacene confers: 1. a strong emollient action to all finished products; 2. a hair conditioning effect to after-shampoos; 3. exceptional emollience to aqueous gels (cf. Vevy Europe Formulary); 4. softness; 5. excellent plasticity to creams, pomades and sticks; 6. a homogeneous structure to creams and sticks; 7. a delicate non greasy feeling to all finished products, particularly to skin oils (oleolites) and lotions; 8. waterproof characteristics to oleogels; 9. high stability to all finished products in case of sudden temperature changes (longer shelf life, no deformation in warm and cold climates; 10. adjustable release of the active principle in the skin (TransDermal Delivery; 11. uniform resistance to sticks (elasticity; 12. foam control in baby-shampoos. 2%-10% or more (i.e. Ointments)

Use: O/W and W/O emulsions, ointments, oils, lipsticks, oily gels, watery gels

Characteristics: [1], pale yellow or straw yellow solid, flakes or drops, soluble in lipidic systems and surface activated sypale yellow or straw yellow solid, flakes or drops, soluble in lipidic systems and surface activated systems

Toxicology: (2, tested DCG).

Chemical Description: Acetylated Glycol Stearate

Classification: according to technical and safety data sheets.

COLLAGENON Vevy Codex: 18.0737

Properties: active oligomer (precursor) of soluble collagen. Cosmetic use: moisturizing and antiwrinkle lotions and creams; sunscreen products; beauty masks: 2%-6%. Medical use: injuries, burns, regenerative preparations of the dermis for plastic reconstructions, after mutilating surgical interventions: 5%

Characteristics: [1], opalescent liquid, soluble in water and in glycerol-glycol systems

Toxicology: (2, tested DCG).

Chemical Description: Oligopeptide

Classification: according to technical and safety data sheets.

CYTOPLASMINE-1 Vevy Codex: 13.3401

See Azamide Vevy codex 15.3711

Toxicology: (2, tested DCG).

DACRIOSALT Vevy Codex: 12.1079

Properties: a concentrated saline buffer giving iso-osmotic and isotonic effects which reproduces isodacryal parameters

Use: liquid for contact lenses, collyria, eye makeup remover: 0.957%

Characteristics: [1], crystal, water soluble

Toxicology: (2, tested DCG).

Chemical Description: Isotonic Buffer Salts with lacrymal isotonicity

Classification: according to technical and safety data sheets.

DAUCOIL Vevy Codex: 13.0758

Properties: treatment of dry, chapped, taut, sensitive skin; suntanning products. Carotenes are useful in the treatment of aging skin for their function as protective agents against free radicals damage and against singlet oxygen. For the treatment of dry and scaling scalp. Chemical description. Oily extract from *Daucus carota* L. with a high content in carotenes

Characteristics: [1], clear oily liquid, soluble in lipidic system

Toxicology: (2, tested DCG).

Chemical Description: Oily extract from *Daucus carota* L. with a high content in carotenes

Classification: according to technical and safety data sheets.

delta **ROSA MOSCHATA** Vevy Codex: 13.2612

Properties: strong plastic action and high reparative activity for skin. O/W and W/O emulsions, anhydrous systems: 10%-20%.

Characteristics: [1], liquid, soluble in lipidic systems (category 40%-45% provitamine-F).

Toxicology: (2, tested DCG).

Chemical Description: oil from *Rosa* aff. *Rubiginosa* L.

Classification: according to technical and safety data sheets.

DERMONECTIN Vevy Codex: 18.1926

First effective oligomer precursor of fibronectin which, as such, really help in increasing skin firmness and resiliency

Properties: basic active principle for the treatment of skin elasticity. Cutaneous cohesion factor (see Filagrinol). Creams containin

g this product with a concentration from 6%-12% give a moisturizing and reinforcing action on the epithelium even after few weeks of application (see mechanisms reported in corresponding literature)

Use: creams and lotions for dehydrated skin, gels, beauty masks, sunscreen products: from 3%-6%

Characteristics: [1], light yellow liquid, soluble in water and in water-glycerol

Toxicology: (2, tested DCG).

Chemical Description: Oligopeptide

Classification: according to technical and safety data sheets.

DESADROPS Vevy Codex: 19.4944

DesaDrops is 40% Desamine (Vevy codex 19.0372) gelled solution. It may be used as substitute of classical neutralizers at the same percentages of use. DesaDrops is a safe product because it does not release any secondary reaction toxic element such as nitrosamine. It may be used as such or diluted and it presents a very high compatibility.

Properties: DesaDrops may be used as succedaneous of “classical neutralizers such as AMP (aminomethylpropanol), TEA, Sodium hydroxide, etc. in the same percentages of use. It is a very safe product because it does not release any secondary reaction toxic element, such as nitrosamine. It has to be considered as a classical neutralizer; it can substitute, respecting right proportions, the most common neutralizers.

Use: 0.1%- 1% or according to the amount of acid radicals to neutralize

Characteristics: [1], [20 °C]: Limpid liquid, Odourless, Colourless, Solubility: watery systems.

Toxicology: (2, tested DCG).

Chemical Description: Watery gelled buffer of aminodeoxy glucitol at 40%

Classification: according to technical and safety data sheets.

DESAMINE Vevy Codex: 19.0372

Properties: DesaDrops may be used as succedaneous of “classical neutralizers such as AMP (aminomethylpropanol), TEA, Sodium hydroxide, etc. in the same percentages of use. It is a very safe product because it does not release any secondary reaction toxic element, such as nitrosamine. It has to be considered as a classical neutralizer; it can substitute, respecting right proportions, the most common neutralizers.

Use: gels, lotions, emulsions, shampoos: 0.1%-0.8% and more, according to the percentage of the radicals to be neutralised

Characteristics: [1], powder, soluble in water

Toxicology: (2, tested DCG).

Chemical Description: Aminodeoxyglucitol

Classification: according to technical and safety data sheets.

DODECALENE Vevy Codex: 03.0203

Properties: non-greasy emollient, non-sticky. Particularly suitable for after-shaves, beard softening lotions; fixatives; ecological, non-bactericidal deodorants.

Use: shaving lotions, gels, skin lotions and oils, deodorants. Water/alcohol preparations. As fixative: 2%-3%; as emollient: 4%-6%

Characteristics: [1], liquid, soluble in oils, propylene glycol, hydroalcoholic solutions up to 30°

Toxicology: (2, tested DCG).

Chemical Description: Propylene Glycol Hydroxypropanetricarboxylic Acid Ester

Classification: according to technical and safety data sheets.

EDESAL Vevy Codex: 18.0529

Properties: odourless substitute for methylsalicylate in massage products. Additive with Iodotrat in the treatments of cellulitis.

Use: emulsions, anhydrous preparations: 5%-10%.

Characteristics: [1], oily liquid, soluble in lipidic systems

Toxicology: (2, tested DCG).

Chemical Description: Isodecyl o-Hydroxybenzoic Acid Ester

Classification: according to technical and safety data sheets.

EFADERMA-F Vevy Codex: 13.3567

Properties: in the epidermis, Efaderma-F restores stratum corneum lipids located in intercellular voids which constitute not only the real barrier to cutaneous absorption but also oppose to the transepidermal water loss (moisturizing effect). The lipogenic activity is monitored by the local need in EFA. In the dermis, through regulating action on the arteriole-capillar network (dilatation→oxygenation) Efaderma-F favors a cutaneous physiological trophism (reestablishment of a rigorously physiological flow: linolenic→PGI₃). Efaderma-F is a transdermal diffusion factor (TDF), substitute of liposomes

Use: 5%-10% in O/W and W/O emulsions, oils, ointments, lipidic gels, water-alcohol products and surfactant preparations

Characteristics: [1], clear liquid, soluble in lipidic systems

Toxicology: (2, tested DCG).

Chemical Description: Linolenic (Essential Fatty Acid) Triglyceride

Classification: according to technical and safety data sheets.

EFADERMASTEROLO VeVy Codex: 13.0533

Properties: phytosterols contained in Efadermasterolo tend to re-establish a balanced cutaneous smoothness. By percutaneous channels, it enters into competition with cholesterol, the balance of which between the free and the esterified part is affected by alterations of sebum production

Use: emulsions, anhydrous preparations: 2%-4%

Characteristics: [1], liquid, soluble in oils

Toxicology: (2, tested DCG).

Chemical Description: Essential Fatty Acids and Unsaponifiable Fraction of Soybean Oil

Classification: according to technical and safety data sheets.

ELICRISINA VeVy Codex: 13.0856

Toxicology: (2, tested DCG).

Chemical Description: Everlasting Extract (and) Water

Classification: according to technical and safety data sheets.

EPCH VeVy Codex: 14.1066

Properties: enzyme hydrolyzed milk proteins. Can be utilised even with quats incorporated in shampoos. Instantly repairs the transversal and terminal splitting as well thinning or frayed hair resulting from dyeing and permanent waves

Use: shampoo conditioners, rinses, creams and lotions: 0.5%-3%

Characteristics: [1], powder, soluble in water up to 10%

Toxicology: (2, tested DCG).

Chemical Description: Hydrolyzed Milk Protein

Classification: according to technical and safety data sheets.

ETHARAMNOSAN-1 VeVy codex 04.4743

Properties: Rheological additive. Gelling agent only for water/ethanol systems. It does not form any dry film on the surface of the skin (artificial desquamation). Transparent gelification of alcoholic lotions. Viscosity regulator in alcoholic emulsions proportionally to the dose employed. (See Alcoramnosan, Liporamnosan and Idroramnosan).

Use: Gels, emulsions, lotions with alcohol; 0.3%-3.0%; 0.1%-2% in after shave and toilet preparations

Characteristics: White granular powder, soluble in ethyl alcohol, water, glycol systems; Viscosity [sol. H₂O 2%, 25 °C]: 150-400 cps.

Toxicology: (2, tested DCG).

Chemical description: Hydroxyethylcellulose.

Classifications: according to technical and safety data sheets.

ETHARAMNOSAN-2 VeVy codex 04.4744

Properties: Rheological additive. Gelling agent only for water/ethanol systems. It does not form any dry film on the surface of the skin (artificial desquamation). Transparent gelification of alcoholic lotions. Viscosity regulator in alcoholic emulsions proportionally to the dose employed. (See Alcoramnosan, Liporamnosan and Idroramnosan).

Use: Gels, emulsions, lotions with alcohol: 0.3%-3.0%; after shave and toilet preparations 0.1%-2%

Characteristics: White granular powder, soluble in ethyl alcohol, water, glycol systems; Viscosity [sol. H₂O 1%, 25 °C]: 1500-3000 cps.

Toxicology: (2, tested DCG).

Chemical description: Hydroxyethylcellulose.

Classifications: according to technical and safety data sheets.

FARV-Water and Oil Soluble liquid Color

SERIFARV series: Violet water and oil soluble, stabilized and titrated liquid colors

AZURFARV series: Blue water and oil soluble, stabilized and titrated liquid colors

RUBIFARV series: Red water and oil soluble, stabilized and titrated liquid colors

CITROFARV series: Yellow water and oil soluble, stabilized and titrated liquid colors

BROFARV series: Amber water and oil soluble, stabilized and titrated liquid colors

FLAVOFARV series: Orange water and oil soluble, stabilized and titrated liquid colors

MAVROFARV series: Black water and oil soluble, stabilized and titrated liquid colors

GROFARV series: Green water and oil soluble, stabilized and titrated liquid colors

Properties: liquid dyes, water- and oil-soluble strictly standardized, labeled and stabilized in accordance with EC and FDA laws. Industries having adopted FARV dyes have not had to apply modifications imposed by scientific developments, nor updating requested by USA and EC laws. Indeed, FARV remained unchanged in their tones, transparency and saturation. The updating of base pigments and reproduction of identical colors are assured by Vevy Europe. FARV can be characterized by the announced parameters for each product: tone, transparency, saturation. FARV are therefore original, constant, reliable and practical.

Use: Certified colors for cosmetic use

Characteristics: [1], see separate list;

Toxicology: (2, tested DCG).

Classification: according to technical and safety data sheets.

FILAGRINOL Vevy Codex: 13.2423

Also available **FILAGRINOL POB-FREE** Vevy Codex: 13.4921.

The ultimate natural ingredient to improve skin moisturization. Increase consumer acceptance of your products by adding Filagrinol to your skin care cosmetics

Properties: Active modulator of filaggrinogenesis, which is at the base of epidermal moisturization and elasticity. Usable with Dermonectin, factor of cohesion (for deep hydration cf. Hyaluramine)

Use: products for the treatment of sensitive, dry, senile, blotchy skin and for skin showing other forms of cutaneous reddening: sunscreen products (dehydrated actinic skin): 5%-10%. In finished products as antioxydant use only: lecithin, tocopherol, citrates

Characteristics: liquid, soluble in lipidic systems. Unsaponifiables 90%.

Toxicology: (2, tested DCG).

Chemical Description: Pollen Fractions and Unsaponifiable Fractions of Wheat Germ, Soybean and Olive Oil.

Classification: according to technical and safety data sheets.

FITOESTESINA Vevy Codex: 13.0782

Properties: coadjuvant in the topical treatment of cellulitis

Toxicology: (2, tested DCG).

Chemical Description: Cinnamomum zeylanicum L., Curcuma Zedoaria (Berg.) Roscoe, Zingiber officinalis Roscoe Juss. and Thymus vulgaris L. Oils

Classification: according to technical and safety data sheets.

FITOXANTINA Vevy Codex: 13.0811

Properties: xanthophyll-rich extract, emollient, natural dye

Use: emulsions, anhydrous systems: 0.1%-0.5%.

Characteristics: [1], liquid, soluble in lipidic systems

Toxicology: (2, tested DCG).

Chemical Description: xanthophyll.

Classification: according to technical and safety data sheets.

FRABES-OIL DCG Vevy Codex: 03.3399

Properties: the peculiar fractional process allows the preparation of EFA with a very low acid value. Essential Fatty Acids-rich content helps in preventing skin dehydration and wrinkles. Softness and moisture maintenance is a prime to delay skin aging and high PUFA levels are suitable for this task. EFA are also useful in treatment of oily and acne prone skin.

Toxicology: (2, tested DCG).

Chemical Description: Fraction of Ribes nigrum L. Oil.

Classification: according to technical and safety data sheets.

GALACTENE Vevy Codex: 14.1308

Properties: milk (it does not coagulate) for cosmetic use: emollients, tonics, refreshing lotions, detergents (shampoos, soaps)

Use: cosmetics for delicate and dry skins, soaps, syndets, shampoos: 5%-10%.

Characteristics: [1], powder, water dispersable

Toxicology: (2, tested DCG).

Chemical Description: PEG-2 Milk Solids.

Classification: according to technical and safety data sheets.

GLYCOLENE Vevy Codex: 05.0252

Properties: O/W type emulsifier, solubilizer, stabilizer. Humectant (hygrostatic) for emulsions, also in mixtures with glycerin, sorbitol, propylene glycol. Non-sticky emollient in lotions and tonics. Fluidificant gel

Use: 2%-6%

Characteristics: [1], liquid, soluble in water, glycerin, glycols

Toxicology: (2, tested DCG).

Chemical Description: PEG-3 Lauryl Ether

Classification: according to technical and safety data sheets.

GLYCOPHYTOLO-BHE Vevy Codex 13.0719

Properties: Caffeic acid, tannins and flavonoids (i.e. quercetin) contained in these extracts have a soothing and astringent action useful in the cosmetic treatment of cellulitis, in after-sun preparations and formulations for sensitive and blemished skin.

Use: 2%-4% Massage creams, lotions and gels, face care products; creams, lotions, gels, liquids, ampoules for the treatment of cellulitis; after-sun face and body care cosmetics.

Suggested combination with Iodotrat (Vevy codex 18.0364)

Characteristics: red/brown limpid liquid; soluble in water, propylene glycol, ethanol, glycerine, hydroglyceric solutions.

Toxicology: (2, tested DCG).

Chemical Description: Extracts from *Hedera helix* L., *folia*, *Betula alba* L., *folia*, *Cupressus sempervirens* L., *folia et fructus*, *Euphorbia pilulifera* L., *herba*.

Classification: according to technical and safety data sheets

HEXATRATE Vevy Codex: 21.3364

Properties: integrated primary ingredient for a normalized and odourless perspiration

Use: 11%-15%

Characteristics: [1], pale yellow clear liquid, light characteristic odour, water-glycols-ethanol systems; aqueous systems max 5%.

Toxicology: (2, tested DCG).

Chemical Description: polyethylene Glycol 200, Propylene Glycol Hydroxypropanetricarboxylic Acid Ester, 2-Phenylethanol, Aluminium Citrate, Aminodeoxyglucitol, 2-Ethylene Glycol Monophenyl Ether, Sandalwood Oil main constituent, Coriander Oil main constituent, Rose Oil main constituent, Hyacinth Oil main constituent.

Classification: according to technical and safety data sheets.

HEXATRATE ALUMINUM FREE Vevy Codex: 21.3503

Properties: integrated primary ingredient for a normalized and odourless perspiration

Use: 11%-15%

Characteristics: [1], yellow clear liquid, light characteristic odour, aluminium free, water-glycols-ethanol systems; aqueous systems max 5%

Toxicology: (2, tested DCG).

Chemical Description: Polyethylene Glycol 200, Propylene Glycol Hydroxypropanetricarboxylic Acid Ester, 2-Phenylethanol, Aminodeoxyglucitol, 2-Ethylene Glycol Monophenyl Ether, Sandalwood Oil main constituent, Coriander Oil main constituent, Rose Oil main constituent, Hyacinth Oil main constituent

Classification: according to technical and safety data sheets.

HYALURAMINE Vevy Codex: 17.0255

Low molecular weight mucopolysaccharides which as such are able to moisturize aging skin and improve skin's appearance

Properties: Hyaluramine hydrophil and lipophil characteristics, when adequately incorporated into the right carrier, and low molecular weight allow full absorption through the skin where it is utilized to improve moisture

Use: 0.1%-1% in creams, lotions, aqueous or alcohol-water face, hair tonics and in creams used to smoothen the rough areas of the skin (knee, elbow, foot).

Toxicology: (2, tested DCG).

Chemical Description: Hydrolyzed Glycosaminoglycans

Classification: according to technical and safety data sheets.

HYALURAMINE-S Vevy Codex: 17.5000

Properties: Hyaluramine-S® is fully soluble in water and therefore it is easy to be used in the greatest part of the cosmetic forms. In particular, it is recommended in all preparations that claim a moisturizing and anti-ageing activity.

Use: 0.5%-2.5% in creams, lotions, aqueous or alcohol-water face and hair tonics.

Characteristics: [1], liquid, Water, alcohol-water and glycerol-water solutions.

Toxicology: (2, tested DCG).

Chemical Description: Hyaluramine-S® is a stabilized 20% solution of the pure active substance called Hyaluramine® .

Classification: according to technical and safety data sheets.

HYDROESSENTIALS

Natural hydrosoluble fraction of natural essential oils, obtained by molecular distillation. Particularly suitable for the preparation of hydrolates, aromatic waters and tonics completely natural, without solvents or solubilizers.

Properties: fractions of natural oils obtained by molecular distillation, water-soluble without solubilisers or alcohols; having the same aroma and intensity as the original essential oils permitting the preparation of hydrolates (tonics, lotions, aromatic waters, collyries, etc.), entirely natural, with no additives. Exclusive Hydroessentials are available.

Use: lotions, tonics, aromatic waters, collyries: 0.005%-0.3%.

Characteristics: [1], liquids, soluble in water, glycerol, propylene glycol.

Toxicology: (2, tested DCG).

Chemical Description: natural hydrosoluble fraction of natural essential oils

Classification: according to technical and safety data sheets.

HYDROESSENTIAL CITRUS LIMON Vevy Codex: 20. 3709

Chemical Description: hydrosoluble fraction of Citrus limon Burmann, pericarpum, essential oil

Classification: according to technical and safety data sheets.

HYDROESSENTIAL CUPRESSUS Vevy Codex: 20.4524

Chemical Description: hydrosoluble fraction of Cupressus sempervirens L. essential oil

Classification: according to technical and safety data sheets.

HYDROESSENTIAL EUCALYPTUS Vevy Codex: 20.3063

Chemical Description: hydrosoluble fraction of Eucalyptus globulus Labill. essential oil

Classification: according to technical and safety data sheets.

HYDROESSENTIAL FLORES AURANTII Vevy Codex: 20.1344

Chemical Description: hydrosoluble fraction of the essential oil of Citrus aurantium L. var. amara L.

Classification: according to technical and safety data sheets.

HYDROESSENTIAL FLORES ROSAE Vevy Codex: 20.0670

Chemical Description: hydrosoluble fraction of the essential oil of Rosa. Spp.

Classification: according to technical and safety data sheets.

HYDROESSENTIAL LAURUS Vevy Codex: 20.3451

Chemical Description: hydrosoluble fraction of the essential oil of *Laurus nobilis* L.

Classification: according to technical and safety data sheets.

HYDROESSENTIAL LAVANDULA Vevy Codex: 20.3031

Chemical Description: hydrosoluble fraction of the essential oil of *Lavandula vera* DC.

Classification: according to technical and safety data sheets.

HYDROESSENTIAL MATRICARIA Vevy Codex: 20.0669

Chemical Description: hydrosoluble fraction of the essential oil of *Matricaria chamomilla* L.

Classification: according to technical and safety data sheets.

HYDROESSENTIAL MELISSA Vevy Codex: 20.0667

Chemical Description: hydrosoluble fraction of the essential oil of *Melissa officinalis* L.

Classification: according to technical and safety data sheets.

HYDROESSENTIAL MENTHA Vevy Codex: 20.1527

Chemical Description: hydrosoluble fraction of the essential oil of *Mentha piperita* L.

Classification: according to technical and safety data sheets.

HYDROESSENTIAL PELARGONIUM Vevy Codex: 20.3058

Chemical Description: hydrosoluble fraction of the essential oil of *Pelargonium graveolens* L'Hr.

Classification: according to technical and safety data sheets.

HYDROESSENTIAL PINUS SYLVESTRIS Vevy Codex: 20.3055

Chemical Description: hydrosoluble fraction of the essential oil of *Pinus sylvestris* L.

Classification: according to technical and safety data sheets.

HYDROESSENTIAL ROSMARINUS Vevy Codex: 20.0671

Chemical Description: hydrosoluble fraction of the essential oil of *Rosmarinus officinalis* L.

Classification: according to technical and safety data sheets.

HYDROESSENTIAL THYMUS Vevy Codex: 20.0672

Chemical Description: hydrosoluble fraction of the essential oil of *Thymus vulgaris* L.

Classification: according to technical and safety data sheets.

HYDROPLASTIDINE

Properties: Water-, glycerol-, glycol-soluble fractions of plant and animal derivatives. On request other Hydroplastidine available in exclusivity.

Use: lotions, creams, tonics 1%-5%.

Toxicology: (2, tested DCG).

Chemical Description: see list below

Classification: according to technical and safety data sheets.

HYDROPLASTIDINE AESCULUS HIPPOCASTANUM Vevy Codex: 13.3443

Chemical Description: extract of *Aesculus hippocastanum* L., semen

Classification: according to technical and safety data sheets.

HYDROPLASTIDINE ARCTOSTAPHYLOS Vevy Codex: 13.3263

Chemical Description: extract of *Arctostaphylos uva-ursi* (L.) Spreng., folia

Classification: according to technical and safety data sheets.

HYDROPLASTIDINE AVENA Vevy Codex: 13.3742

Chemical Description: extract of *Avena sativa* L., herba

Classification: according to technical and safety data sheets.

HYDROPLASTIDINE CALENDULA Vevy Codex: 13.3470
Chemical Description: extract of *Calendula officinalis* L., flores.
Classification: according to technical and safety data sheets.

HYDROPLASTIDINE FERMENTUM Vevy Codex: 13.3491
Chemical Description: extract of yeast
Classification: according to technical and safety data sheets.

HYDROPLASTIDINE FLORES AURANTII Vevy Codex: 13.3492
Chemical Description: extract of *Citrus aurantium* L. var. *amara* L., flores.
Classification: according to technical and safety data sheets.

HYDROPLASTIDINE MATRICARIA Vevy Codex: 13.3496
Chemical Description: extract of *Matricaria chamomilla* L., flores.
Classification: according to technical and safety data sheets.

HYDROPLASTIDINE MEDICAGO Vevy Codex: 13.3275
Chemical Description: extract of *Medicago sativa* L., flores.
Classification: according to technical and safety data sheets.

HYDROPLASTIDINE OLEA FOLIUM Vevy Codex: 13.3471
Chemical Description: extract of *Olea europaea* L., folia.
Classification: according to technical and safety data sheets.

HYDROPLASTIDINE ONONIS Vevy Codex: 13.3347
Chemical Description: extract of *Ononis spinosa* L., herba.
Classification: according to technical and safety data sheets.

HYDROPLASTIDINE POLLEN Vevy Codex: 13.3634
Chemical Description: extract from pollen.
Classification: according to technical and safety data sheets.

HYDROPLASTIDINE SAMBUCUS Vevy Codex: 13.3803
Chemical Description: extract of *Sambucus nigra* L., flower.
Classification: according to technical and safety data sheets.

IDRORAMNOSAN Vevy Codex: 04.1010

Properties: gelling agent, humectant, viscosity regulator for emulsions (easily dispersed in water, relatively short dissolving time). For the production of clear, aqueous, safe gels; low adherence. Stable at a large pH range (See Alcoramnosan and Liporamnosan). Very weak film forming action.

Characteristics: [1].

Use: gels, emulsions, lotions: 0.5%-4%.

Toxicology: (2, tested DCG).

Chemical Description: PEG-8 Cellulose. (Differs from apparently similar products by its very weak filmogenic action).

Classification: according to technical and safety data sheets.

IODOTRAT Vevey Codex: 18.0364

Properties: Low molecular weight organic iodine (thus non proteic) for body contour treatment (cosmetic cellulitis). Does not give free iodine. Very stable and non-irritating, improves skin trophism and reduces fat deposits. Iodotrat activity on cellulitis and its mechanism of action were discovered by Vevey Europe in 1983. Several imitations of the reaction which produces iodine amine exist, overlooking that Iodotrat is not the simple result of that reaction but the end result of a specific procedure for the stabilisation of iodine and its capacity to be modified by membrane receptors (Beta-receptors of mastcells). See association with Zedomine-1, Zedomine-2, and Edesal, [Deep cosmetology of the dermis (C2 Concepts and Cosmetology 1987, Article No 1:27).

Use: emulsions, gels, massage creams: 0.6%-3%. Foam baths 8%.

Characteristics: [1], crystals, soluble in water, hydroalcoholic solutions 30°, propylene glycol.

Toxicology: (2, tested DCG).

Chemical Description: Hydroiodide TEA.

Classification: according to technical and safety data sheets.

ISOCET Vevey Codex: 02.0600

Properties: self-emulsifier producing stable O/W emulsions. HLB=12.

Use: O/W emulsions: 2%-8%.

Characteristics: [1], solid, soluble in lipidic systems.

Toxicology: (2, tested DCG).

Chemical Description: Polyoxyethylene (20) Cetyl/Stearyl Ether and Isostearyl Alcohol.

Classification: according to technical and safety data sheets.

ISOIXOL-6 Vevey Codex: 02.0636

Properties: O/W non-ionic emulsifier. HLB=14.4.

Use: O/W emulsions: 2%-5%.

Characteristics: [1], liquid, soluble in water, hydroglyceric and hydroalcoholic solutions.

Toxicology: (2, tested DCG).

Chemical Description: Polyoxyethylene (20) Sorbitan Monoisostearate.

Classification: according to technical and safety data sheets.

ISOLENE Vevey Codex: 02.0549

Properties: hydrophilic oil. Various applications in pharmaceutical and cosmetic formulations.

Use: O/W emulsions, bath oils, lotions: up to 30%.

Characteristics: [1], liquid, soluble in ethanol, oils, dispersable in water and propylene glycol.

Toxicology: (2, tested DCG).

Chemical Description: C12-C18 Diglycerides.

Classification: according to technical and safety data sheets.

ISOSTEARENE Vevey Codex: 03.0373

Looking for a new emollient? Test Isostearene as an effective and safe alternative to conventional fatty esters

Properties: oil having an affinity for the skin. Carrier and solubiliser. Biological substitute for isopropyl palmitate and isopropyl myristate.

Use: skin oils, anhydrous preparations, emulsions, decorative cosmetics: 3%-30% according to the type of product.

Characteristics: [1], soluble in lipidic systems.

Toxicology: (2, tested DCG).

Chemical Description: Ester of isodecyl alcohol with lauric acid.

Classification: according to technical and safety data sheets.

ISOXAL-5 Vevey Codex: 02.1845

Properties: emulsifier for microemulsions.

Use: skin oils, anhydrous preparations, microemulsions, bath oils, decorative cosmetics.

Toxicology: (2, tested DCG).

Chemical Description: PEG-3 C12-18 alcohols.

Classification: according to technical and safety data sheets.

ISOXAL-11 Vevey Codex: 02.0462

Properties: O/W non-ionic co-emulsifier. HLB=11.

Use: O/W lotions (milks) 1%-3%.

Characteristics: [1], solid, soluble in triglycerides, mineral oils, glycerol, water.

Toxicology: (2, tested DCG).

Chemical Description: PEG-10 C12-C18 Alcohols.

Classification: according to technical and safety data sheets.

ISOXAL-12 Vevey Codex: 02.0464

Properties: O/W non-ionic co-emulsifier. HLB=12.

Use: O/W creams: 1%-3%.

Characteristics: [1], solid, soluble in triglycerides, glycerol, propylene glycol, partially soluble in mineral oils, fatty esters.

Toxicology: (2, tested DCG).

Chemical Description: PEG-5 C12-C18 Alcohols.

Classification: according to technical and safety data sheets.

ISOXAL-E Vevey Codex: 02.0472

Properties: O/W emulsifier. HLB=12.

Use: O/W emulsions: 5%-10%.

Characteristics: [1], solid, soluble in triglycerides, mineral oils, fatty esters.

Toxicology: (2, tested DCG).

Chemical Description: PEG-8 Isocetyl/Isostearyl Ether Stearate.

Classification: according to technical and safety data sheets.

ISOXAL-H Vevey Codex: 02.0524

Properties: special powerful and safe emulsifier for pharmaceutical and cosmetic use. For preparing emulsions rich in oils and fats, make-ups, perfumed creams, complex pharmaceutical creams which must be resistant to high room temperatures. HLB=14.

Use: O/W emulsions: 3%-10%.

Characteristics: [1], solid, soluble in propylene glycol, partly soluble in glycerol and ethanol.

Toxicology: (2, tested DCG).

Chemical Description: Polyoxyethylene (10) Isocetyl Stearate and Polyoxyethylene (10) Isostearyl Stearate.

Classification: according to technical and safety data sheets.

IXOL-2 Vevey Codex: 02.0505. PEG-20 Sorbitan Monolaurate.**IXOL-4** Vevey Codex: 02.0506. PEG-20 Sorbitan Monopalmitate.**IXOL-6** Vevey Codex: 02.0507. PEG-20 Sorbitan Monostearate.**IXOL-8** Vevey Codex: 02.0508. PEG-20 Sorbitan Monooleate.

Properties: non-ionic O/W emulsifiers, solubilisers.

Use: O/W emulsions, shampoos: 2%-5%.

Characteristics: [1], liquids, soluble in water, methanol, ethyl acetate.

Toxicology: (2, tested DCG).

Chemical Description: polyoxyethylene esters of sorbitan and fatty acids.

Classification: according to technical and safety data sheets.

IXOLENE-2 Vevey Codex: 02.0626. Sorbitan laurate.**IXOLENE-4** Vevey Codex: 02.0627. Sorbitan palmitate.**IXOLENE-6** Vevey Codex: 02.0628. Sorbitan stearate.**IXOLENE-8** Vevey Codex: 02.0629. Sorbitan oleate.

Properties: non-ionic W/O emulsifiers.

Use: W/O emulsions: 2%-5%.

Characteristics: [1].

Toxicology: (2, tested DCG).

Chemical Description: esters of sorbitan and fatty acids.

Classification: according to technical and safety data sheets.

KALIXIDE AS VeVy Codex: 12.1263

Properties: absorbing compound for body and dermatological powders and sprinkles.

Toxicology: (2, tested DCG).

Chemical Description: Micronized Talc, Kaolin and Silica.

Classification: according to technical and safety data sheets.

KALIXIDE CT VeVy Codex: 12.4007

Properties: absorbing and protectant compound for body and dermatological powders and sprinkles

Toxicology: (2, tested DCG).

Chemical Description: Titanium Dioxide, Bismuth Basic Nitrate and Magnesium Oxide.

Classification: according to technical and safety data sheets.

KALIXIDE GRASSA VeVy Codex: 12.0376

Properties: provides a certain adhesiveness to talcs and toilet powders.

Use: absorbants, emollients, talcs: 5%-20%.

Characteristics: [1], powder, dispersable in emulsions.

Toxicology: (2, tested DCG).

Chemical Description: Talc, Coconut Oil and Soybean Lecithin.

Classification: according to technical and safety data sheets.

KERATOPLAST VeVy Codex: 16.1314

Properties: keratoplastic activity, which increases skin protective properties; effective in the treatment of couperose skin.

Use: emulsions, tonics, gels, masks: 3%-5%.

Characteristics: [1], liquid, soluble in lipidic systems.

Toxicology: (2, tested DCG).

Chemical Description: Isodecyl Salicylate.

Classification: according to technical and safety data sheets.

KERESINE VeVy Codex: 13.3984

Natural L-malic acid concentrated from cherries. Useful for cosmetic products designed to improve the appearance and softness of the skin as well as to prevent formation of small wrinkles

Properties: it favourably modify the moisture content and elasticity of the skin. Because of its slight exfoliation effect deriving from the natural intrinsic properties of malic acid, it is also useful for cosmetic products designed to improve the appearance and softness of the skin as well as to prevent formation of small wrinkles

Use: skin care emulsions and gels; body preparations; cleansing lotions and liquids; face and neck preparations; night skin care formulations; masks: 2%-5%.

Characteristics: [1], viscous liquid or mucilage-like.

Toxicology: (2, tested DCG).

Chemical Description: Natural L-malic acid concentrated from cherries (*Prunu avium* et al. spp.).

Classification: according to technical and safety data sheets.

LACTACET VeVy Codex: 03.1315

Properties: lipidic component for the preparation of products for decorative cosmetics.

Use: decorative cosmetics, especially lipsticks: 2%-5%.

Characteristics: [1], powder.

Toxicology: (2, tested DCG).

Chemical Description: 2-Hydroxypropanoic Acid Hexadecyl Ester.

Classification: according to technical and safety data sheets.

LAMINARINE VeVy Codex: 13.1235

Properties: its content in several aminoacids makes it suitable for balneotherapy. Glycolic extract of seaweeds. For the lipidic extract see Lipoplastidine Laminaria

Use: bath products, hair lotions: 1%-4%. Active ingredients for plant fertilisers.

Characteristics: [1], powder, dispersable in water.

Toxicology: (2, tested DCG).

Chemical Description: extract of Laminaria Spp., thallus.

Classification: according to technical and safety data sheets.

LANOLIDE-EXTRA Vevy Codex: 02.2390

The first complete and safe lanolin substitute for cosmetic and pharmaceutical uses. Constant composition, greater emulsifying capacity and better stability

Properties: since 1970 it substitutes lanolin for cosmetic and pharmaceutical uses. The advantage is a composition which is constant and odourless. Emulsions (1:3) are white, stable and odourless. Product free from pesticides, heavy metals and allergens.

Use: O/W and W/O creams, anhydrous preparations: 10% or more.

Characteristics: [1], paste, soluble in lipidic systems.

Toxicology: (2, tested DCG).

Chemical Description: Polyoxyethylene [5] Polyoxypropylene [5] Pentaerythritol Ether and Soy Sterols.

Classification: according to technical and safety data sheets.

LAURENE Vevy Codex: 11.0496

Properties: hair conditioner bactericide.

Use: additive for several cosmetics: 0.01%-0.2%.

Characteristics: [1], liquid, soluble in water, propylene glycol, glycerol.

Toxicology: (2, tested DCG).

Chemical Description: Lauryltrimethylammonium Chloride.

Classification: according to technical and safety data sheets.

LIPOCERITE Vevy Codex: 03.0465

Properties: safe synthetic wax, widely used in the preparation of creams, ointments, suppositories, lipsticks, eye pencils. It gives a velvety effect without greasiness.

Use: emulsions, anhydrous preparations, suppositories: 5%-10%.

Characteristics: [1], powder or flakes, soluble in lipidic systems.

Toxicology: (2, tested DCG).

Chemical Description: Hydrogenated Triglycerides.

Classification: according to technical and safety data sheets.

LIPOGELAG Vevy Codex: 04.3535

Properties: gelling agent for oleolytes.

Use: oleogel systems: 20%-60%.

Characteristics: [1], colourless thick solid.

Toxicology: (2, tested DCG).

Chemical Description: C10-C18 Triglycerides and Polyisoprene and Silica.

Classification: according to technical and safety data sheets.

LIPOPHOS Vevy Codex: 03.1230

Properties: emollient, moisturizer.

Use: emulsions, anhydrous preparations: 1%-3%.

Characteristics: [1], liquid, soluble in oils.

Toxicology: (2, tested DCG).

Chemical Description: Soybean Lecithin and Soybean Oil.

Classification: according to technical and safety data sheets.

LIPOPLASTIDINES

Properties: natural oil soluble fractions, whose topical efficacy has been shown to be individually defined for each type of origin. For some of these, special version for detergents exist (Tensioplastidine). Upon request, other Lipoplastidines can be produced, even for exclusive use.

Use: lotions, emulsions, anhydrous preparations: 1%-5%.

Toxicology: (2, tested DCG).

Chemical Description: see list below.

Classification: according to technical and safety data sheets.

LIPOPLASTIDINE AESCULUS HIPPOCASTANUM Vevy Codex: 13.2203

Chemical Description: extract of *Aesculus hippocastanum* L., semen.

Classification: according to technical and safety data sheets.

LIPOPLASTIDINE ALLIUM CEPA Vevy Codex: 13.1254

Chemical Description: extract of *Allium cepa* L., bulbus.

Classification: according to technical and safety data sheets.

LIPOPLASTIDINE ALOE Vevy Codex: 13.1424

Chemical Description: extract of *Aloe vera* L., folia.

Classification: according to technical and safety data sheets.

LIPOPLASTIDINE AVENA Vevy Codex: 13.1408

Chemical Description: extract of *Avena sativa* L., herba.

Classification: according to technical and safety data sheets.

LIPOPLASTIDINE CALENDULA Vevy Codex: 13.1714

Chemical Description: extract of *Calendula officinalis* L., flores.

Classification: according to technical and safety data sheets.

LIPOPLASTIDINE CAPPARIS Vevy Codex: 13.1531

Chemical Description: extract of *Capparis spinosa* L., flores.

Classification: according to technical and safety data sheets.

LIPOPLASTIDINE CAPSICUM Vevy Codex: 13.3283

Chemical Description: extract of *Capsicum annum* L., fructus.

Classification: according to technical and safety data sheets.

LIPOPLASTIDINE DAUCUS Vevy Codex: 13.1351

Chemical Description: extract of *Daucus carota* L., radix.

Classification: according to technical and safety data sheets.

LIPOPLASTIDINE EQUISETUM Vevy Codex: 13.1710

Chemical Description: extract of *Equisetum arvense* L.

Classification: according to technical and safety data sheets.

LIPOPLASTIDINE JUGLANS Vevy Codex: 13.1734

Chemical Description: extract of *Juglans regia* L., pericarpium.

Classification: according to technical and safety data sheets.

LIPOPLASTIDINE KRAMERIA Vevy Codex: 13.2520

Chemical Description: extract of *Krameria triandra* Ruiz et Pav., radix.

Classification: according to technical and safety data sheets.

LIPOPLASTIDINE LAMINARIA Vevy Codex: 13.1469

Chemical Description: extract of *Laminaria* Spp.

Classification: according to technical and safety data sheets.

LIPOPLASTIDINE LONICERA Vevy Codex: 13.2040

Chemical Description: extract of *Lonicera peryclimenum* L.

Classification: according to technical and safety data sheets.

LIPOPLASTIDINE LUTEUM OVI Vevy Codex: 14.1372

Chemical Description: extract of Egg Yolk.

Classification: according to technical and safety data sheets.

LIPOPLASTIDINE MATRICARIA Vevy Codex: 13.1594
Chemical Description: extract of *Matricaria chamomilla* L., flores.
Classification: according to technical and safety data sheets.

LIPOPLASTIDINE MEL Vevy Codex: 13.1365
Chemical Description: extract of honey.
Classification: according to technical and safety data sheets.

LIPOPLASTIDINE OENOTHERA BIENNIS Vevy Codex: 13.1687
Chemical Description: extract of *Oenothera biennis* L., herba.
Classification: according to technical and safety data sheets.

LIPOPLASTIDINE OLEA FOLIUM Vevy Codex: 13.1593
Chemical Description: extract of *Olea europaea* L., folia.
Classification: according to technical and safety data sheets.

LIPOPLASTIDINE ORYZA FURFUR Vevy Codex: 13.2521
Chemical Description: extract of *Oryza sativa* L., furfur.
Classification: according to technical and safety data sheets.

LIPOPLASTIDINE PAPPA REGALIS Vevy Codex: 13.1586
Chemical Description: extract of royal jelly.
Classification: according to technical and safety data sheets.

LIPOPLASTIDINE POLLEN Vevy Codex: 13.1356
Chemical Description: extract of Pollen.
Classification: according to technical and safety data sheets.

LIPOPLASTIDINE SALMO OVUM Vevy Codex: 14.1596
Chemical Description: extract of Salmon Spawn.
Classification: according to technical and safety data sheets.

LIPOPLASTIDINE SOJA Vevy Codex: 13.2133
Chemical Description: extract of *Soja hispida* Max., fabae.
Classification: according to technical and safety data sheets.

LIPOPLASTIDINE SOLANUM LYCOPERSICUM Vevy Codex: 13.1319
Chemical Description: extract of *Solanum lycopersicum* L., fructus.
Classification: according to technical and safety data sheets.

LIPOPLASTIDINE SPINACIA Vevy Codex: 13.1232
Chemical Description: extract of *Spinacia oleracea* L., herba.
Classification: according to technical and safety data sheets.

LIPOPLASTIDINE TRITICUM FURFUR Vevy Codex: 13.1370
Chemical Description: extract of *Triticum sativum* Lamk., furfur.
Classification: according to technical and safety data sheets.

LIPORAMNOSAN Vevy Codex: 04.1509

Properties: a PEG-cellulose without film forming action. Gelling agent, humectant, viscosity control for emulsions (easily dispersed in water with a relatively short dissolving time). For producing clear and safe aqueous gels, not film forming, non-sticking. Stable at a wide pH range (See Alcoramnosan and Idroramnosan).

Use: gels, emulsions, lotions: 0.5%-4%.

Characteristics: [1].

Toxicology: (2, tested DCG).

Chemical Description: PEG-12 Cellulose.

Classification: according to technical and safety data sheets.

LIPOTROPHYNE-A VeVy Codex: 13.0270

Properties: emollient, sebum balancer, specially indicated in baby products.

Use: emulsions, oils, lipidic gels: 2%-6%.

Characteristics: [1], liquid, soluble in lipidic systems.

Toxicology: (2, tested DCG).

Chemical Description: Essential Fatty Acids, Soybean Lecithin, Soy Sterols, Soybean Oil and Vitamin E.

Classification: according to technical and safety data sheets.

LIQUIRITINA VeVy Codex: 13.0943

Properties: antiphlogistic and antifermentation activity; aromatising.

Use: liquid or pasty toothpastes, mouth washes: 3%-5%.

Characteristics: [1], liquid, soluble in hydroalcoholic and hydroglycerolic solutions.

Toxicology: (2, tested DCG).

Chemical Description: extract of *Glycyrrhiza glabra* L., radix.

Classification: according to technical and safety data sheets.

LMB VeVy Codex: 01.0800

Properties: extremely pure foaming aminoacid. For special detergents (non sulphated).

Use: detergents with delicate action for hair, mouth cavity, urogenital mucoses: 10%; optimal pH 4-6.

Antifermenting and bacteriostatic foaming agent for toothpastes: 1%-3%.

Characteristics: [1], liquid, soluble in water.

Toxicology: (2, tested DCG).

Chemical Description: lauryl betaine.

Classification: according to technical and safety data sheets.

LUTEOFILLA VeVy Codex: 13.0789

Properties: dermatrophic product utilised in nourishing and sunscreen preparations.

Use: creams, lotions, masks: 0.1%-0.4%.

Characteristics: [1], liquid, oil soluble.

Toxicology: (2, tested DCG).

Chemical Description: Carotenoids.

Classification: according to technical and safety data sheets.

MEGASOL-COMPLEX VeVy Codex: 15.4313

Properties: broad spectrum UVB and UVA filter for uniform and risk-free tanning (erythema, dehydration and keratosis). It is not altered by perspiration and has no systemic absorption.

Use: antiaging preparations: 1.65%-7.75%.

Characteristics: [1], liquid, soluble in lipidic systems.

Toxicology: (2, tested DCG).

Chemical Description: 2-Ethylhexyl 2-Hydroxybenzoate (33%), Extract of *Salix* Spp. and Extract of *Sepia officinalis* (67%)

Classification: according to technical and safety data sheets.

MELIBION VeVy Codex: 13.1295

Properties: special honey for cosmetic uses. Its partial desa

Use: creams, lotions, ointments 5%-10%.

Characteristics: [1], paste, soluble in water at 30°C, in warm 80° ethanol.

Toxicology: (2, tested DCG).

Chemical Description: desaccharided Honey.

Classification: according to technical and safety data sheets.

MICROXAL-H VeVy Codex: 02.4197

Properties: non-ionic emulsifier for advanced microemulsions. HLB = 14.0

Use: 3.0%-10.0% in O/W excipients at high penetration and transdermal delivery preparations.

Characteristics: [1], pasty solid, soluble in propylene glycol; partially soluble in glycerol and ethanol.

Toxicology: (2, tested DCG).

Classification: according to technical and safety data sheets.

MYRISTAMINE Vevy Codex: 01.0371

Properties: detergent promoting foaming activity in shampoos and bubble baths.

Toxicology: (2, tested DCG).

Chemical Description: Myristoyl Diethanolamide.

Classification: according to technical and safety data sheets.

MYRISTOL 2-8-12 Vevy Codex: 03.3249

Properties: emollient.

Toxicology: (2, tested DCG).

Chemical Description: Octyldodecyl Myristate.

Classification: according to technical and safety data sheets.

NESATOL Vevy Codex: 03.0197

Also available **NESATOL POB-FREE** Vevy Codex: 03.4334.

Suitable and safe oil for skin products. Matches and exceeds vegetable and mineral oils properties: excellent emollient, lubricant and stable, absolutely non-acanthogenic, non-comedogenic, non-pilogenic ingredient.

Properties: the only synthetic polytriglyceride which reproduces the typical characteristics of natural oils but eliminates unsaturated bonds. This fact, the absence of short chain fatty acids, the appropriate proportions between the various long chain fatty acids, and the balanced presence of saturated isomers make Nesatol the preferred oil for cutaneous uses.

Use: O/W and W/O emulsions: 5%-30%; anhydrous products, ointments: 30%-70%; soaps and liquid detergents: 2%-5%.

Characteristics: [1], liquid, soluble in lipidic systems.

Toxicology: (2, tested DCG).

Chemical Description: C10-C18 Triglycerides.

Classification: according to technical and safety data sheets.

NIDABA-3 Vevy Codex: 01.0176

Properties: foam and viscosity stabiliser for shampoos, foam baths: 2%-5%.

Characteristics: [1], liquid, water soluble.

Toxicology: (2, tested DCG).

Chemical Description: Lauroyl Isopropanolamide.

Classification: according to technical and safety data sheets.

NIDABA-318 Vevy Codex: 01.1216

Properties: it possesses the remarkable property of modifying the coarse effect of foaming agents; it enriches, thickens and stabilises foams. It possesses furthermore the property of gelling anionic detergents. It is a particularly efficient lubricant when included in formulations for cleansing delicate skins.

Use: shampoos, foam baths: 1%-4%.

Characteristics: [1], liquid, water soluble.

Toxicology: (2, tested DCG).

Chemical Description: Lecithin Diethanolamide.

Classification: according to technical and safety data sheets.

OCTAPROTEIN-COLLOID Vevy Codex: 13.3646

Properties: it improves surfactant activity while protecting skin and scalp from dryness due to surfactant harshness. Stable gel-creams are obtained at room temperature. Emulsion stabilizer and apparent viscosity enhancer, emollient, lubricant, anti-itching, soothing agent and skin

Use: it is suitable for creams, lotions, gels, toners, powders and masks for skin and body care preparations, around the eye area treatments; make-ups (creams, lotions, blushes, eyeshadows, etc; baby products; sunscreens and after-sun preparations; after-shaves; cleansers and liquid soaps; hair care shampoos, conditioners, rinses, gels and setting lotions; emollient, lubricant soothing and geriatric care preparations; solutions for refreshing and lubricant hygienic tissues. Up to 10%.

Characteristics: [1], powder, water dispersible.

Toxicology: (2, tested DCG).

Chemical Description: partially modified proteins obtained from *Zea mays* L., *Panicum miliaceum* L., *Hordeum vulgare* L. and *Glycine max* Merr.

Classification: according to technical and safety data sheets.

OLEOPHYLLE-10 Vevy Codex: 07.1550

Properties: natural dye; deodorant.

Use: hair products, emulsions: 0.1%-1%.

Characteristics: [1], paste (22 °C), soluble in oils.

Toxicology: (2, tested DCG).

Chemical Description: Lipidic fraction from edible vegetables, containing chlorophyll.

Classification: according to technical and safety data sheets.

OLIGOIDYNE-1-COMPLEX and OLIGOIDYNE-2-COMPLEX

The only active ingredients containing a measured safe and effective percentage of organic-bound trace elements for skin and hair care

OLIGOIDYNE-1-COMPLEX Vevy Codex: 12.3449

Properties: trace elements compound which can act as an enzymatic co-factor in lipid metabolism, in the synthesis of skin proteins, aminoacids and ribonucleic acids. It may also act on oily and acne prone skin. It intervenes in melanin synthesis and has tan enhancing capacity.

Toxicology: (2, tested DCG).

Chemical Description: Zinc, Copper, Magnesium and Manganese Aspartates.

Classification: according to technical and safety data sheets.

OLIGOIDYNE-2-COMPLEX Vevy Codex: 12.3450

Properties: these trace elements perform a primary action during hair growth. They are useful in the treatment of greasy scalp and hair, and may also have conditioning activity.

Toxicology: (2, tested DCG).

Chemical Description: Copper, Zinc and Manganese Aspartates.

Classification: according to technical and safety data sheets.

OSMOPHERINE, OSMOPHERONE-H and OSMOPHERONE-L

The first pheromones and copulines in cosmetics, toiletries and fragrance preparations to counter drawbacks of cleansing and deodorization

OSMOPHERINE Vevy Codex: 20.0933

Properties: pheromones with copulinic structure. Fixing agent for top quality perfumes (human types of scents). For re-establishing human interrelations (subliminal perception; it is removed through washing and deodorisation).

Use: additive for cosmetics, perfumes and personal hygiene deodorants: from 0.005%-0.02%

Toxicology: (2, tested DCG).

Chemical Description: Pyrroline Isovalerianate and Butirrate.

Classification: according to technical and safety data sheets.

OSMOPHERONE-H Vevy Codex: 20.3793

Osmopherone Hydrosoluble version.

Properties: attractive smelling pheromonic substance for male perfumes For re-establishing of human interrelationships (subliminal perception; it is removed by washing and deodorisation).

Use: additives for cosmetics, perfumes and personal hygiene deodorants: from 0.1%

Characteristics: [1], Yellow-Brown liquid. Water, hydro-alcoholic and hydro-glycolic solutions

Toxicology: (2, tested DCG).

Chemical Description: Reconstituted Andronone, Copulandrone and copuline-alike.

Classification: according to technical and safety data sheets.

OSMOPHERONE-L Vevy Codex: 20.5015

Osmopherone Liposoluble version.

Properties: attractive smelling pheromonic substance for male perfumes For re-establishing of human interrelationships (subliminal perception; it is removed by washing and deodorisation).

Use: additives for cosmetics, perfumes and personal hygiene deodorants: from 0.1%

Characteristics: [1], Yellow-Brown liquid. Liposoluble.

Toxicology: (2, tested DCG).

Chemical Description: Reconstituted Andronone, Copulandrone and copuline-alike.

Classification: according to technical and safety data sheets.

PHYTOSQUAL Vevy Codex: 03.3581

Properties: oily component used alternatively to mineral oil. It is not comedogenic nor achantotic. Emollient and lubricant.

Use: 5%-20% in O/W and W/O emulsions, in oils, ointments and lipidic gels.

Characteristics: [1], yellow liquid with slight characteristic odor, soluble in lipidic systems; Unsaponifiables matters: > 97%.

Toxicology: (2, tested DCG).

Chemical Description: Natural squalene of vegetable origin (ex oil of *Olea europea* L., i.e. olive oil).

Classification: according to technical and safety data sheets.

PHYTOSQUAL HYDROGEN Vevy Codex: 03.4233

Properties: oily component used alternatively to mineral oil. It is not comedogenic nor achantotic. Emollient and lubricant.

Use: 5%-20% in O/W and W/O emulsions, in oils, ointments and lipidic gels.

Characteristics: [1], clear liquid colourless odourless, soluble in lipidic systems

Toxicology: (2, tested DCG).

Chemical Description: Hydrogenated natural squalene of vegetable origin (ex *Olea europea* L., i.e. olive).

Classification: according to technical and safety data sheets.

PME Vevy Codex: 03.0775

Properties: 1. Substitute for petrolatum and silicones, emollient, lubricant, skin protectant and water repellent: it does not prevent insensible perspiration. 2. A minimal percentage of PME in O/W and W/O emulsions, whether lotions or creams, maintains indefinitely the viscosity/temperature equilibrium by means of which the emulsion has the same viscosity and the same consistency at 20°C and 55°C. PME is the first thermorheostatic agent to be used dermatopharmacologically; it is completely harmless.

Use: 2.0%-5.0% and above in pharmaceutical and cosmetic ointments; lipsticks; lip balms; massage creams; barrier creams; hand creams; baby products. 2.0% in sunscreen preparations as waterproof.

Characteristics: [1], white or straw yellow ropy paste with slight characteristic odor. Solubility: mineral oils; partially soluble in triglycerides.

Toxicology: (2, tested DCG).

Chemical Description: Compound of C18-C70 alkanes, mainly C60-C70.

Classification: according to technical and safety data sheets.

PME-1 Vevy Codex: 03.3392

Properties: very strong waterproof properties: skin protectant, it does not prevent perspiratio insensibilis. Substitute for petrolatum and silicones. Emollient. Lubricant. The consistency of the liquid or fluid O/W or W/O emulsion does not significantly change in the presence of a small PME-1 percentage within a 20°C - 50°C temperature range.

Use: 1.0%-4.0% in waterproof sunscreen preparations; barrier creams; baby products; pharmaceutical and cosmetic ointments; lipsticks; lip balms; massage creams; hand creams.

Characteristics: [1], white solid, soluble in mineral oil, partially soluble in triglycerides.

Toxicology: (2, tested DCG).

Chemical Description: C18-C70 alkanes and 1-ethenyl-2-pyrrolidinone polymers.

Classification: according to technical and safety data sheets.

POLIGLICOLEUM Vevy Codex: 02.1150

Properties: a powerful solubiliser for essential oils and perfumes in general as well as numerous other organic chemicals. During comparative tests it proved to be the most effective and the safest on the market. It does not become rancid, it is saturated, liquid and easy to handle.

Use: solubiliser for perfumes and lipidic substances: 1%-3%.

Characteristics: [1], liquid, water soluble.

Toxicology: (2, tested DCG).

Chemical Description: Polyoxyethylene (40) Ricinoleyl Ether.

Classification: according to technical and safety data sheets.

RICINO-VISCOIL-N Vevy Codex: 03.2578

Properties: neutral oil, very pure, almost ropy, is also suitable for pharmaceutical uses. Its hyperviscosity is due to a new procedure, without additives such as aluminum, silicium, cationics, bentonite. Dispersing agent for pigments.

Use: lipsticks, nail preparations, brilliantines: 1%-10%.

Characteristics: [1], oily liquid, soluble in lipidic systems.

Toxicology: (2, tested DCG).

Chemical Description: Polyoxyethylene (25) Castor Oil.

Classification: according to technical and safety data sheets.

SALYCUMINOL Vevy Codex: 18.3726

From willow (SALix alba) to cumin (CUMINum cyminum): a distinct and efficient treatment of dry, flaky and aging skin

Properties: Skin anti-inflammatory; strictly skin and not systemic anti-inflammatory agent; anti-liperoxidation action; for the treatment of dyskeratosis; it is not a local anaesthetic; Keratoplastic activity in alternative to peeling with AHA (alpha-hydroxyacids).

Characteristics: [1], it can be liquid, semicrystalline or crystalline, it has undercooling properties; freely soluble in liquid hydrocarbons from petroleum, vegetable oils, lipophilic esters.

Toxicology: (2, tested DCG).

Chemical Description: Conjugate between natural ingredients. 2-Hydroxybenzoates occur in several plants, notably in wintergreen (*Gaultheria procumbens* L.) leaves and the bark of sweet birch (*Betula lenta* L.). 4-Isopropylbenzyl alcohol is found in cumin (*Cuminum cyminum* L.) and caraway (*Carum carvi* L.) essential oils.

Classification: according to technical and safety data sheets.

SEBOPESSINA Vevy Codex: 13.0901

Properties: active principle for sebaceous secretion problems both qualitative and quantitative. Skin and scalp hyper-hyposeborrhea, acne prone skin, etc.

Use: emulsions, anhydrous preparations: 0.5%-3%.

Characteristics: [1], liquid, soluble in lipidic systems.

Toxicology: (2, tested DCG).

Chemical Description: Polyisoprene and Soy Sterols.

Classification: according to technical and safety data sheets.

SEBOSIDE Vevy Codex: 02.1310

Properties: W/O emulsifier and O/W co-emulsifier. Super lubricating and plastifying agent for greases and waxes. Non-lanolinic absorption base having a large capacity to incorporate water in W/O emulsions.

Use: emulsions, anhydrous systems: 10% and more.

Characteristics: [1], paste, soluble in lipidic systems.

Toxicology: (2, tested DCG).

Chemical Description: Polyoxyethylene [5] Polyoxypropylene [5] Pentaerythritol Ether and Soy Sterols.

Classification: according to technical and safety data sheets.

SITOSTENE Vevy Codex: 13.0983

Properties: stabiliser and viscosity regulator for emulsions (co-emulsifier), solubiliser, emollient.

Use: emulsions and anhydrous systems: 0.1%-4%.

Characteristics: [1], powder, soluble in lipidic systems and ethanol 95%.

Toxicology: (2, tested DCG).

Chemical Description: Sterols from Glycine max Merr.

Classification: according to technical and safety data sheets.

SYNTESQUAL Vevy Codex: 03.1133

Placed between squalene and squalane, having the qualities of both these molecules, it's a non occlusive substitute for mineral oils and other hydrocarbons

Properties: colourless, odourless, synthetic, constant, stable oil. Non occlusive substitute for mineral oils and other hydrocarbons. Can be placed between squalene and squalane having the qualities of both these molecules: dermoaffinity, stability and absence of odour.

Use: oils, ointments, emulsions: 2%-30%.

Characteristics: [1], liquid, soluble in lipidic systems.

Toxicology: (2, tested DCG).

Chemical Description: Hexaisoprene partially hydrogenated.

Classification: according to technical and safety data sheets.

TALCOSEPTIC-C Vevy Codex: 10.0377

Properties: can be utilised as a preservative (1.5%) or as a deodorant antiseptic in powders; in association with zinc undecylenate and as antimicrobial agent. Emollient.

Use: in aspergents and as preservative in talc powders: 1.5%; in antiseptic and deodorant preparations: 2.5%.

Characteristics: [1], powder, ratio 1:2 (preservative: talc).

Toxicology: (2, tested DCG).

Chemical Description: Talc, Phenoxyethanol and Methyl, Ethyl, Propyl, Butyl Parabens.

Classification: according to technical and safety data sheets.

TERGENE-12 Vevy Codex: 01.3070

Toxicology: (2, tested DCG).

Chemical Description: Cocoamidopropyldimethylaminoxide.

Classification: according to technical and safety data sheets.

THALATON Vevy Codex: 13.1147

Properties: utilised in thalassotherapy. Associated with Afrosalt or used as it is in strengthening emulsions for cosmetic use.

Use: foam baths, detergents, bath salts, tonics: 1%-4%.

Characteristics: [1], liquid, water soluble.

Toxicology: (2, tested DCG).

Chemical Description: extract of Plankton.

Classification: according to technical and safety data sheets.

TRICOSOLFAN Vevy Codex: 13.2083

Properties: complex substitute of vegetable tar in all its applications, without the disadvantages due to the presence of resins, benzene or toluene which forbid the use of the natural vegetable tar for hair products.

Use: shampoos, hair lotions: 2%-10%.

Characteristics: [1], liquid, soluble in water, propylene glycol and hydroglycerolic systems.

Toxicology: (2, tested DCG).

Chemical Description: extract from *Salix alba* Mill., cortex. Free from coal tar or its adulterants, according to EEC law

Classification: according to technical and safety data sheets.

TRIGLICOLEUM Vevy Codex: 02.0684

Properties: solubiliser for perfumes and oil soluble dyes. It controls viscosity and foaming capacity. It forms gels in water.

Use: cosmetic additive: 1%-3%.

Characteristics: [1], liquid, soluble in hydroalcoholic, hydroglycerolic, hydroglycolic systems.

Toxicology: (2, tested DCG).

Chemical Description: Polyoxyethylene (15) Castor Oil.

Classification: according to technical and safety data sheets.

TRILIPIDINA Vevy Codex: 03.1472

Properties: low melting point lipid, very good vehicle for pharmaceutical and cosmetic emulsions, ointments and lipsticks. Emollient for the skin to which it confers a soft feel.

Use: ointments, oils, emulsions, lipsticks: 5%-20%.

Toxicology: (2, tested DCG).

Chemical Description: Glyceryl Monolaurate Dioleate and Glyceryl Monopalmitate Distearate.

Classification: according to technical and safety data sheets.

TRIOXENE-LV Vevy Codex: 03.2781

Properties: antiageing agent in all the products for skin care, whether pharmaceuticals or cosmetics.

Use: it has good compatibility in cosmetic emulsions, oils, ointments and lipidic gels. Easily incorporated in formulations for topical use as a naturally-derived substitute for the other oleochemicals

Characteristics: [1], viscous liquid, soluble in lipidic systems.

Toxicology: (2, tested DCG).

Chemical Description: Isodecyl Hydroxypropanetricarboxylic Acid mono Ester.

Classification: according to technical and safety data sheets.

TURTLEOIL-R Vevy Codex: 03.1208

Properties: reconstituted lipidic components.

Use: emulsions, anhydrous preparations: 5%-10%.

Characteristics: [1], liquid, soluble in lipidic systems.

Toxicology: (2, tested DCG).

Chemical Description: Lauric/Palmitic/Oleic Triglyceride with 60% of linoleic acid.

Classification: according to technical and safety data sheets.

UNDAMIDE Vevy Codex: 11.0273

Properties: foam booster particularly with Nidaba-3 and Nidaba-318. Antimicrobial, deodorant, antidandruff.

Use: shampoos, foam baths: 0.25%-2%.

Characteristics: [1], liquid, water dispersible.

Toxicology: (2, tested DCG).

Chemical Description: Undecylenoyl Diethanolamide.

Classification: according to technical and safety data sheets.

UNDEBENZOFENE-C Vevy Codex: 10.2511

Also available **UNDEBENZOFENE POB FREE** Vevy Codex: 10.5010.

Properties: preservative with a broad bactericide spectrum (Gram +/-) and particularly pseudomonicide; anti-mildew, anti-yeast; non-irritant for human tissues. Insect repellent. Synergic action with quaternary ammonium salts. Compatible with Alutrat and Laurene, ionic and non-ionic agents. Chemically inert in the presence of essential oils and perfumes.

Use: additive for cosmetics: 0.7%-1.3%. In special preparations and pharmaceutical products: 1.3%.

Characteristics: [1], liquid, soluble in lipidic systems, glycerol, propylene glycol. To solubilize in water: 1 part of Undebenzofene-C and 4 parts of Poliglicoleum (Vevy codex 02.1150).

Toxicology: (2, tested DCG).

Chemical Description: Phenoxyethanol and Methyl, Ethyl, Propyl, Butyl Parabens in proportions designed to obtain the best partition coefficient between water and oil, as well as the best results in challenge tests; it is characterized by a minimal cutaneous enzymotoxic activity and by a response as low as possible in subjects sensitive to parabens.

Classification: according to technical and safety data sheets.

UNDELENE Vevy Codex: 11.0180

Properties: active fungicide and antidandruff agent in the pH range 4%-6 given by certain foaming agents and detergents.

Use: detergents, shampoos, antidandruff: 3%-5%.

Characteristics: [1], liquid, water soluble.

Toxicology: (2, tested DCG).

Chemical Description: PEG-6 Undecylenate.

Classification: according to technical and safety data sheets.

UNDENAT Vevy Codex: 11.0254

Properties: antimicrobial and deodorant.

Use: products for body hygiene: 0.2%-1.5%.

Characteristics: [1], jelly-like paste soluble in water.

Toxicology: (2, tested DCG).

Chemical Description: Sodium Undecylenate.

Classification: according to technical and safety data sheets.

UNDEZIN Vevy Codex: 11.0253

Properties: antimicrobial.

Use: products for body hygiene: 2%-5%.

Characteristics: [1], powder, insoluble in water and alcohol.

Toxicology: (2, tested DCG).

Chemical Description: Zinc Undecylenate.

Classification: according to technical and safety data sheets.

VASELIDE Vevy Codex: 03.4731

Properties: Non acanthogenic alternative for petroleum jelly and paraffins.

Use: Anhydrous systems, O/W and W/O emulsions. 2.0%-5.0% and above in pharmaceutical and cosmetic ointments; lipsticks; lip balms; massage creams; barrier creams; hand creams; baby products.

2.0% in sunscreen preparations as waterproof.

Characteristics: white - light yellow ropy paste, soluble in lipidic systems.

Toxicology: (2, tested DCG).

Chemical Description: C18-C70 Polyisoprene.

Classification: according to technical and safety data sheets.

VISCOLENE Vevy Codex: 04.1479

Properties: thickening agent for shampoos and foam baths in combination with Afron-22 (see difference with Nidaba-3).

Use: shampoos and foam baths: 1.5%-3%.

Characteristics: [1], flakes, water soluble.

Toxicology: (2, tested DCG).

Chemical Description: Polioxyethylene (150) Monostearate and Polioxyethylene (150) Distearate.

Classification: according to technical and safety data sheets.

VISONOIL-R Vevy Codex: 03.0395

Properties: reconstituted lipidic component odorless.

Use: emulsions, anhydrous preparation: 5%-10%.

Characteristics: [1], liquid, soluble in lipidic systems.

Toxicology: (2, tested DCG).

Chemical Description: Lauric/Palmitic/Oleic Triglyceride.

Classification: according to technical and safety data sheets.

VYOX Vevy Codex: 09.0378

Properties: antioxidant. Deodorant effect. Effective at very low levels. Safe for products for topical use.

Use: ointments, oils, emulsions: from 0.005%-0.07%.

Characteristics: [1], liquid, soluble in lipidic systems.

Toxicology: (2, tested DCG).

Chemical Description: Tocopherol, Butylhydroxyanisol and Triethyl Hydroxypropanetricarboxylic Acid Ester.

Classification: according to technical and safety data sheets.

XALIDRENE Vevy Codex: 02.0266

Properties: co-emulsifier for special applications. Saline emulsions (with a high percentage of electrolytes), alcoholic emulsions, emulsions containing pigments with a tendency to dry out (important hygrostatic agent).

Use: creams, lotions: 2%-5%.

Characteristics: [1], solid, soluble in water, hydroalcoholic and glycerolic systems.

Toxicology: (2, tested DCG).

Chemical Description: Polyoxyethylene (20) Myristate and Polyoxyethylene (20) Palmitate.

Classification: according to technical and safety data sheets.

XALIFIN-15 Vevy Codex: 02.0151

Also available **XALIFIN-15 POB-FREE** Vevy Codex: 02.4590.

An effective, powerful and safe answer to your emulsifying problems. With Xalifin-15 creams and lotions stay stable, even with the most difficult materials to emulsify

Properties: HLB=12. Non toxic for skin enzymes. The most histophilic of known emulsifiers. Pharmaceutical and cosmetic emulsions for healthy, roughened or irritated skin.

Use: O/W emulsions: 5%-20%.

Characteristics: [1], paste, soluble in lipidic systems.

Toxicology: (2, tested DCG).

Chemical Description: PEG-8 C12-C20 Alkyl Ester.

Classification: according to technical and safety data sheets.

ZEDOMINE-1, ZEDOMINE-2, ZEDOMINE-3

Compound of natural essential oils, activating microcirculation and increasing lymph drainage. Coadjuvant in the topical treatment of cellulitis

ZEDOMINE-1 Vevy Codex: 13.1250

Properties: suitable for sport creams and ointments, hair lotions, preparations for local activation; also for contusions, and myalgies. Significant thermographic non-reddening effect. Co-additive in the treatment of cellulitis (see Iodotrat).

Use: massage and treatment products: 5%-15%.

Characteristics: [1], liquid, soluble in lipidic systems and ethanol.

Toxicology: (2, tested DCG).

Chemical Description: Cinnamomum zeylanicum L., Curcuma Zedoaria (Berg.) Roscoe and Zingiber officinalis Roscoe Juss. oils.

Classification: according to technical and safety data sheets.

ZEDOMINE-2 Vevy Codex: 13.3152

Properties: tonifier and counterirritant which gives a pleasant warming after-feel on the skin. Useful in the topical treatment of cellulitis (see Iodotrat).

Use: 0.5%-5% in skin and hair care products; 5%-9% in slimming creams, massage and sport oils, ointments, creams, alcohol/water gels

Characteristics: [1], liquid, soluble in lipidic systems

Toxicology: (2, tested DCG).

Chemical Description: Curcuma Zedoaria (Berg.) Roscoe, Zingiber officinalis Roscoe Juss. and Eugenia caryophyllata Thunb. oils.

Classification: according to technical and safety data sheets.

ZEDOMINE-3 Vevy Codex: 13.4822

Compound of natural essential oils, activating microcirculation and increasing lymph drainage. Coadjuvant in the topical treatment of cellulitis

Properties: Tonifier and counterirritant which gives a pleasant warming after-feel on the skin. Useful in the topical treatment of cellulitis (see Iodotrat), and hair care shampoos and lotions.

Use: 0.5%-5% in skin and hair care products; 5%-9% in slimming creams, massage and sport oils, ointments, creams, alcohol/water gels

Characteristics: [1], liquid, soluble in lipidic systems

Toxicology: (2, tested DCG).

Chemical Description: Fraction of Curcuma zedoaria (Berg.) Roscoe, Eugenia caryophyllata Thunb., Zingiber officinale Roscoe Juss., Abies pectinata, Foeniculum vulgare Mill. oils

Classification: according to technical and safety data sheets.

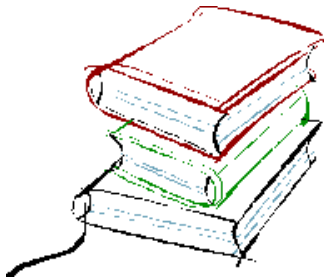
“In conclusion, one faces extremely delicate balances which dermatopharmacology must take into account in denouncing those incongruities which are often apparent in formulations of either cosmetics or pharmaceuticals for topical use: indiscriminate applications of active principles which are the most disparate (for cosmetics or not) mixed together; applications of drugs which are in antagonism with the activity of the excipient (which is never inert); compositions which do not care of the adverse effects on the skin.”

(Lexicon Vevy 1986, 1:2-6)

VEVY EUROPE MILESTONES

1959	XALIFIN-15	First and innovative emulsifier non toxic for skin enzymes (<i>Bioemulgoïd</i>)
	COLLAGENON	First effective oligomer precursor of the collagen protein
1960	ADF-OLEILE	First and effective viscosity decreasing and dethixotropic agent for emulsions
1963	HYALURAMINE	First active oligosaccharide precursor of mucopolysaccharides
1965	NESATOL	First liquid, saturated, long chain, non comedogenic balanced triglyceride
1968	ISOSTEARENE	First non comedogenic and non pilogenic ester
1970	LIPOPLASTIDINES	First and original systematic series of botanical and animal unsaponifiables with a tested biodynamic response
	KERATOPLAST	First lipidic hydroxyester with keratoplastic action and not keratolytic
1971	PME	First and original, non acanthogenic substitute for petrolatum
1974	DERMONECTIN	First effective oligomer precursor of fibronectin
1975	EFADERMA	Unique essential fatty acid effective cutaneously
1978	OSMOPHERINE OSMOPHERONE	First pheromones and copulines in cosmetics and toiletries to counter drawbacks of cleansing and deodorization (human interrelationship)
	LANOLIDE-EXTRA	First complete substitute for lanolin
1987	FILAGRINOL	Sole and original polyene active on filaggrin modulation (direct hydration)
1988	TRIOXENE-LV	First and novel oil against free radical and lipid peroxydation
1989	OLIGOIDYNE	First epidermodynamics activators
1991	CYTOPLASMINE	First dermoactivators obtained from non bacterial cell biotechnology
1993	SALYCUMINOL	First lipidic hydroxyester with selective plurifocal action
1997	MICROXAL-H	Emulsifier for advanced microemulsions. Suitable for O/W excipients at high penetration and transdermal delivery preparations
2003	ACS-ANTICYTOSTRESSOR	First inhibitor of skin stressors

SUPPORT COMMUNICATION



Lexicon Vevy Europe Skin Care Instant Reports

A Trade/Scholarly Publication on dermatopharmaceuticals, cosmetics and toiletries. It features articles in various languages and is of interest to scientists and technicians looking for new concepts. It keeps the reader updated through periodical information. (Available on request).

Relata Technica www.relata.info

Electronic International Journal on Dermatopharmacological Research,

Dermopharmaceutical Technology and Related Cosmetic Subjects

It bridges the gap between basic research and industrial application.

A comprehensive dermatopharmacology research journal in which original papers of great interest for a modern concept of *Optimal Skin Management (OSM)* have their *Forum*. (C² Concepts and Cosmetology Serial Issue n.1, 1988).

Monographs and series on themes pertaining to Vevy Europe's scientific activity.

VEVY EUROPE EDITOR

2. SYNOPSIS OF VEVY EUROPE PRODUCTS

TABLE OF CONTENTS

Original and highly specialized raw materials, intermediates and actives, for the dermatopharmaceutical, cosmetic and personal care industry.

page	pre-code	macrocategory	keywords
34	01.	Surfactants	Foaming Agents, Foam Boosters and Stabilizers
35	02.	Emulsifiers	O/W, W/O, Solubilizers, Lanoline Substitutes
36	03.	Fats and Oils	Triglycerides, Esters, Synthetic Oils, Waxes, Emollients, Protectives
38	04.	Rheological Additives	Fluidifying, Dethixotropic, Viscosizing and Gelling Agents, Stabilizers
39	05.	Humectants	Emollients, Solubilizers
39	06.	Water Soluble Dyes	Liquid Stabilized Original Dyes
39	07.	Oil Soluble Dyes	Liquid Stabilized Original Dyes
39	09.	Antioxidants	Oxidation Retarding Agents
39	10.	Preservatives	Bactericides, Insect Repellents
40	11.	Antimicrobial Agents	Anti-Dandruff, Anti-Fungal, Antiseptic, Sanitizer, Antistatic Agents
40	12.	Inorganic and Metallorganic Actives	Oligoelements Compounds, Astringents, Deodorants, Cicatrizants, Protectives, Salts
41	13.	Plant-derived Actives	Lipoplastidines, Unsaponifiables, Lipotrophynes, Hydroplastidines, Trichostimulants, Activators, Drainings
47	14.	Animal-derived Actives	Milk, Eggs, Honey Derivatives
48	15.	Sunscreens and Color Skin Balancers	UVB, UVA Selective, Skin Lighteners and Normalizers
48	16.	Skin Healing Agents	Keratoplastics, Epidermal Turnover Improvers
48	17.	Moisturizers	Bound Water Increaseers
48	18.	Actives by Synthesis	Anticellulitic, Local Anti-Inflammatory, Bioenergetic, Elasticizing Agents
49	19.	Functional Products	Neutralizers
50	20.	Fragrance Modulators	Hydroessentials, Synthetic Pheromones, Osmomodulators
51	21.	Integrated Primary Ingredients (IPI)	Composed Calibrated Excipients and Actives

01. SURFACTANTS

PROPERTIES	APPLICATIONS % USE LEVEL	BRAND NAME	VEVY CODEX
Foam stabilizer; thickening agent, fixative for perfumes in soaps	Cosmetic detergent systems 2%-5%	NIDABA-3	01.0176
It promotes foaming activity, it greases the foam and is able to make it thick with close bubbles. Increasing the consistency of the bubbles, it increases its stability. This is an original product, its synthesis was intended only for dermatopharmaceutical uses. Therefore it is a detergent "Dermocosmetic grade" (DCG).	In shampoos and bubble bath bases as, for example, Afron-22 (codex Vevy 010468). It can be used alone or with Nidaba-3 (codex Vevy 010176). Use levels:0.5%-2.0%.	MYRISTAMINE	01.0371
Foaming agent with good dispersing properties non-irritating to the skin	Shampoos, foam baths, detergents, shower baths up to 40%	AFRON-22	01.0468
Mild detergent, wetting and foam agent	Shampoos, foam baths up to 10%	LMB	01.0800
Foam booster, thickening agent; superfatting agent, modifier or the harshness of usual foaming agent. Particularly good for skin and mucous compatibility	Surfactant additive for special care 1%-4%	NIDABA-318	01.1216
Non-ionic surfactant combined with other different surfactant which lowers irritation in foaming preparations	Shampoos, bubble baths, detergents, personal hygiene preparations. 10%-20%	TERGENE-12	01.3070

02. EMULSIFIERS

PROPERTIES	APPLICATIONS % USE LEVEL	BRAND NAME	VEVY CODEX
Primary non-ionic O/W emulsifier. Non-toxic to skin enzymes. HLB = 12. Bioemulgoid	All cosmetic and pharmaceutical emulsions for delicate and sensitive skin. 5%-20%	XALIFIN-15	02.0151
		XALIFIN-15 POB-FREE	02.4590
Non-ionic O/W emulsifier, for highly stable emulsions. Evaporation controller	All cosmetic creams, lotions. 2%-5%	XALIDRENE	02.0266
Non-ionic O/W co-emulsifier. Solubilizer. HLB = 11	Cosmetic creams 1%-3%	ISOXAL-11	02.0462
Non-ionic O/W co-emulsifier. Solubilizer. HLB = 12	Cosmetic lotions (milks) 1%-3%	ISOXAL-12	02.0464
Non-ionic O/W emulsifier HLB = 12	Cosmetic creams 1%-3%	ISOXAL-E	02.0472
Non-ionic O/W emulsifier. Additive for delicate shampoos. Solubilizer. HLB = 17.5	All cosmetics. 2%-5%	IXOL-2	02.0505
Non-ionic O/W emulsifier. Solubilizer. HLB = 15.5	All cosmetics. 2%-5%	IXOL-4	02.0506
Non-ionic O/W emulsifier. Solubilizer. HLB = 14.5	All cosmetics. 2%-5%	IXOL-6	02.0507
Non-ionic O/W emulsifier. Solubilizer. HLB = 14.3	All cosmetics. 2%-5%	IXOL-8	02.0508
Non-ionic O/W emulsifier. Useful emulsifier in solution of electrolytes. HLB = 14	All cosmetics. 3%-10%	ISOXAL-H	02.0524
Hydrophilic, oil, emollient, bath oils spreading capability.	Bath oils, body cream lotions up to 30%	ISOLENE	02.0549
Non-ionic O/W self emulsifier HLB = 12	Cosmetic creams, lotions. 2%-8%	ISOCET	02.0600
Non-ionic W/O emulsifier. HLB = 7	All cosmetics 1%-5%	IXOLENE-2	02.0626
Non-ionic W/O emulsifier. HLB = 8	All cosmetics 1%-5%	IXOLENE-4	02.0627
Non-ionic W/O emulsifier. HLB = 4.8	All cosmetics, particularly useful in hair and skin creams and lotions 1%-5%	IXOLENE-6	02.0628
Non-ionic W/O emulsifier. HLB = 4.6	All cosmetics 1%-5%	IXOLENE-8	02.0629
Non-ionic O/W emulsifier. Solubilizer. HLB = 14.4	Cosmetic creams, lotions 2%-5%	ISOIXOL-6	02.0636

PROPERTIES	APPLICATIONS % USE LEVEL	BRAND NAME	VEVY CODEX
Solubilizer for perfumes and oil soluble dyes; used also as an emollient; foam booster and foam gels in water	Additive for various cosmetic preparations 1%-3%	TRIGLICOLEUM	02.0684
Solubilizer for essential oils and fragrances as well as many other compounds	Additive for various cosmetic preparations 1%-3%	POLIGLICOLEUM	02.1150
W/O emulsifier and O/W co-emulsifier. Super lubricating and plastifying agent for greases and waxes. Non-lanolinic absorption base having a large capacity to incorporate water in W/O emulsions	Emulsions, anhydrous systems: 10% and more	SEBOSIDE	02.1310
Non-ionic W/O emulsifier. Solubilizer. HLB = 5	Cosmetic special products up to 20%	ISOXAL-5	02.1845
Lanolin substitute. Totally deprived of pesticides, heavy metals and allergens	Emulsions, anhydrous preparations 10% above	LANOLIDE-EXTRA	02.2390
Non-ionic emulsifier for advanced microemulsions. HLB = 14.0	3.0%-10.0% in O/W excipients at high penetration and transdermal delivery preparations	MICROXAL-H	02.4197

03. FATS AND OILS

PROPERTIES	APPLICATIONS % USE LEVEL	BRAND NAME	VEVY CODEX
Oil component related to sebum; alternative for vegetable and mineral oils	Emulsions, ointments, soaps skin care products, oil suitable for suppositories 2%-70%	NESATOL	03.0197
		NESATOL POB-FREE	03.4334
Emollient, especially for after-shave; lubricant; fixing agent; ecological deodorant not bactericide	After-shave lotions, gels, skin lotions, deodorants, bath oils 2%-6%	DODECALENE	03.0203
Emollient, lubricant, alternative oily component	Oils, emulsions, anhydrous ointments 3%-30%	ISOSTEARENE	03.0373
Oily component	Emulsions, anhydrous systems 5%-10%	VISONOIL-R	03.0395
Emollient, consistency factor for cosmetic and pharmaceutical preparations; auxiliary agent preparations, for suppositories	Emulsions, anhydrous suppositories 5%-10%	LIPOCERITE	03.0465

PROPERTIES	APPLICATIONS % USE LEVEL	BRAND NAME	VEVY CODEX
Substitute for petrolatum and silicones, emollient, lubricant, skin protectant and water repellent. First thermo-rheostatic agent to be used dermo-pharmaceutically; completely harmless	2.0%-5.0% and above in pharmaceutical and cosmetic ointments; lipsticks; lip balms; massage creams; barrier creams; hand creams; baby products	PME	03.0775
Oil component alternatively mineral oil; emollient, lubricant, no comedogenicity	Anhydrous systems, emulsions, skin care cosmetics 2%-30%	SYNTESQUAL	03.1133
Reconstituted turtle oil	Emulsions, anhydrous preparations 5%-10%	TURTLEOIL-R	03.1208
Emollient, moisturizer (liposoluble)	Emulsions, anhydrous preparations 1%-3%	LIPOPHOS	03.1230
Lipid component for make-ups, glossy effect	Make-ups, lipsticks. 2%-5%	LACTACET	03.1315
Strong emollient action to all finished products. Exceptional emollience to aqueous gels. Confers softness, plasticity to creams, pomades and sticks; waterproof characteristics to oleogels; high stability to all finished products in case of sudden temperature changes; adjustable release of the active principle in the skin (TransDermal Delivery); elasticity; foam control	2%-10% or more (i.e. ointments)	CETACENE	03.1350
Emollient; lubricant	Lipsticks, lip-gloss, emulsions, anhydrous 5%-20%	TRILIPIDINA	03.1472
Pigment dispersing agent, plasticize for make-ups	Lipsticks, fards, manicure preparations brilliantines 1%-10%	RICINO-VISCOIL-N	03.2578
It exerts an inhibitory effect towards biomembrane lipids peroxidation. It stops the lipoperoxydation process interfering within its chain propagation by removal and/or inactivation of free radicals rather than in the initiation phase mediated by the oxygen reactive specimen. It is not an antioxydant	For partial or even total substitution of oils present as antiageing agent in all the products for skin care, whether pharmaceuticals or cosmetics 5%-20% and more	TRIOXENE-LV	03.2781
Emollient	Topical use 2%-12%	MYRISTOL 2-8-12	03.3249
Waterproof, protective agent and water repellent, it does not prevent insensible perspiration	Anhydrous systems O/W and W/O emulsions 1%-4%; moisturizing preparations 0.5%-2%	PME-1	03.3392

PROPERTIES	APPLICATIONS % USE LEVEL	BRAND NAME	VEVY CODEX
The peculiar fractional process allows the preparation of EFA with a very low acid value. Essential Fatty Acids rich content helps in preventing skin dehydration and wrinkles. Softness and moisture maintenance is a prime to delay skin ageing and high PUFA levels are suitable for this task. EFA are also useful in treatment of oily and acne prone skin.	Only for skin application 10% and more	FRABES-OIL DCG	03.3399
Oily component used alternatively to mineral oil. It is not comedogenic nor achantotic. Emollient and lubricant	5%-20% in O/W and W/O emulsions, in oils, ointments and lipidic gels	PHYTOSQUAL	03.3581
Oily component used alternatively to mineral oil. It is not comedogenic nor achantotic. Emollient and lubricant	Creams, lotions, anhydrous preparations, soaps. 5%-20% in O/W and W/O emulsions, in oils, ointments and lipidic gels	PHYTOSQUAL HYDROGEN	03.4233
Non acanthogenic alternative for petroleum jelly and paraffins.	Anhydrous systems, O/W and W/O emulsions. 2.0%-5.0%	VASELIDE	03.4731

04. RHEOLOGICAL ADDITIVES

PROPERTIES	APPLICATIONS % USE LEVEL	BRAND NAME	VEVY CODEX
Viscosity stabilizer; anti-thickener; coemulsifier. Dethixotropic agent.	Skin care O/W lotions 1.5%-6%	ADF-OLEILE	04.0196
Rheological additive. Gelling agent only for water/ethanol systems. Viscosity [sol. H ₂ O 1%, 25 °C]: 150-400 cps.	Gels, emulsions, lotions with alcohol; 0.3%-3.0%; 0.1%-2% in after shave and toilet preparations	ETHARAMNOSAN-1	04.4743
Rheological additive. Gelling agent only for water/ethanol systems. Viscosity [sol. H ₂ O 1%, 25 °C]: 1500-3000 cps.	Gels, emulsions, lotions with alcohol; 0.3%-3.0%; 0.1%-2% in after shave and toilet preparations	ETHARAMNOSAN-2	04.4744
Thickening and stabilizing agent specially formulated for water/ethyl alcohol systems	Gels, emulsions, after-shave lotions 0.3%-3%	ALCORAMNOSAN	04.0512
Thickening and stabilizing agent. Wide pH-range	Water-based gels; emulsions 0.5%-4%	IDRORAMNOSAN	04.1010
Viscosity regulator; (thickener)	Shampoos, foam bath 1.5%-3%	VISCOLENE	04.1479

PROPERTIES	APPLICATIONS % USE LEVEL	BRAND NAME	VEVY CODEX
Thickening and stabilizing agent for preparations particularly used in delicate skin areas (around eye area)	Water-based gels; emulsions 0.5%-4%	LIPORAMNOSAN	04.1509
Gelling agent for oleolytes	Oleogel systems: 20%- 60%	LIPOGELAG	04.3535

05. HUMECTANTS

PROPERTIES	APPLICATIONS % USE LEVEL	BRAND NAME	VEVY CODEX
Emollient, humectant, gel fluidificant	Creams lotions 2%-6%	GLYCOLENE	05.0252

06. WATER SOLUBLE DYES - 07. OIL SOLUBLE DYES

PROPERTIES	APPLICATIONS % USE LEVEL	BRAND NAME	VEVY CODEX
Stabilized and titrated liquid colors	Certified colors for cosmetic use	FARV Oil and Water Soluble liquid Color	Ask for separate list
Natural dye	Universal use in cosmetics 2%-5%	OLEOPHYLLE-10	07.1550

09. ANTI-OXIDANTS

PROPERTIES	APPLICATIONS % USE LEVEL	BRAND NAME	VEVY CODEX
Anti-oxidant with deodorant effect	Oils, ointments, emulsions 0.05%-0.1%	VYOX	09.0378

10. PRESERVATIVES

PROPERTIES	APPLICATIONS % USE LEVEL	BRAND NAME	VEVY CODEX
Preservative, antiseptic, deodorant; associated with zinc undecylenate as a fungistat	Dusting powders and talcs 1.5%-3.85%	TALCOSEPTIC-C	10.0377
Broad action spectrum preservative. Insect repellent. Synergistic action with quats	Universal additive for cosmetics 0.7%-1.3%	UNDEBENZOFENE-C	10.2511
		UNDEBENZOFENE POB- FREE	10.5010

11. ANTIMICROBIAL AGENTS

PROPERTIES	APPLICATIONS % USE LEVEL	BRAND NAME	VEVY CODEX
Anti-dandruff properties; foam booster. It helps in the preparation of modern detergents with physiological and acidifying pH	Surfactant preparation, hair care preparations 3%-5%	UNDELENE	11.0180
Anti-fungal agent	All preparations for personal hygiene 2%-5%	UNDEZIN	11.0253
Anti-fungal agent; deodorant	All preparations for personal hygiene. 0.2%-1.5%	UNDENAT	11.0254
Foam booster; anti-fungal, anti-dandruff; deodorant	Hair preparations, surfactant preparation 0.25%-2%	UNDAMIDE	11.0273
Wetting anti-static and conditioning	Additive for various cosmetics agent for hair care products and cationic shampoos 0.01%-0.2%	LAURENE	11.0496

12. INORGANIC AND METALLORGANIC ACTIVES

PROPERTIES	APPLICATIONS % USE LEVEL	BRAND NAME	VEVY CODEX
Astringent regulator of skin transpiration without any of the problems associated with inorganic aluminium salt	Deodorants, tonics, shaving lotions, masks, personal hygiene and cleansing preparations 1%-8%	ALUTRAT	12.0250
Emollient (powder)	Dusting powders, baby talcs 5%-20%	KALIXIDE GRASSA	12.0376
Skin toner. Special ingredients for thalassotherapy	Bath salts, skin toners toothpastes, hair products 1%-10%	AFROSALT	12.0750
Softens and makes the beard stand	Pre-shave lotions 1%	ARRECTOSINA	12.0785
Salts commonly present in tear drops. Solution in water reconstitutes the chemico-physical tear parameters	Collyria, solutions for contact lenses, eye make-ups removers 0.957%	DACRIOSALT	12.1079
Absorbing compound for body and dermatological powders and sprinkles.	10%-30%	KALIXIDE-AS	12.1263

PROPERTIES	APPLICATIONS % USE LEVEL	BRAND NAME	VEVY CODEX
Oligoelements compound which can act as an enzymatic co-factor in lipid metabolism, in the synthesis of skin proteins, aminoacids and ribonucleic acids. It may also act on oily and acne prone skin. It intervenes in melanin synthesis and has tan enhancing capacity	Antiaging, moisturizing and firming skin care cosmetics; hand and body care formulations; products for oily and acne prone skin treatment; sunscreens and tan enhancers max 5%	OLIGOIDYNE-1-COMPLEX	12.3449
These trace elements perform a primary action during hair growth. They are useful in the treatment of greasy scalp and hair, and may also have conditioning activity	Hair care and scalp products max 5%	OLIGOIDYNE-2-COMPLEX	12.3450
Absorbing and protectant compound for body and dermatological powders and sprinkles	1%-8%	KALIXIDE-CT	12.4007

13. PLANT-DERIVED ACTIVES

PROPERTIES	APPLICATIONS % USE LEVEL	BRAND NAME	VEVY CODEX
Sebum-balancer; emollient; moisturizer	Additive for skin care preparations, especially for baby products 2%-6%	LIPOTROPHYNE-A	13.0270
Effective, harmless stimulant does not exhaust the hair roots since its action is not indiscriminate as that of hormones but selective with respect to different stages of hair growth	Hair care preparations 12%-15%	AUXINA TRICOGENA	13.0275
		AUXINA TRICOGENA ETHA-FREE	13.4857
Sebum-balancer, used for skin with excessive secretion of sebum and enlarged pores	Skin care product particularly suitable for the treatment of oily and impure skin 2%-4%	EFADERMASTEROLO	13.0533
Soothing and astringent action useful in the cosmetic treatment of cellulitis, in after-sun preparations and formulations for sensitive and blemished skin.	2%-4% Massage creams, lotions and gels.	GLYCOPHYTOLO-BHE	13.0719
Emollient	Emulsions, oils 0.5%-3%	DAUCOIL	13.0758
Sebum balancer control especially in acne and oily skin	Cosmetics used to treat oily impure skin with tendency to acne 3%-5%	BRAXICINA	13.0774
Coadjuvant in the topical treatment of cellulitis. It gives a pleasant warming after-feel on the skin, but non-irritant	Massage and treatment products. In skin preparations max 4%	FITOESTESINA	13.0782

PROPERTIES	APPLICATIONS % USE LEVEL	BRAND NAME	VEVY CODEX
Emollient, moisturizer (liposoluble)	Sunscreen and skin care preparations 0.1%-0,4%	LUTEOFILLA	13.0789
Emollient (liposoluble)	Emulsions, anhydrous systems 0.5%-5%	FITOXANTINA	13.0811
Product for the cosmetic treatment of acne and oily skin. It improves the regulation of sebogenesis intervening on the keratinization of the follicles	O/W and W/O emulsions, lotions, gels tonics 0.3%-2%	ELICRISINA	13.0856
Sebum-balancer; emollient; non-lanoline base	Emulsions, anhydrous preparations 0.5%-3%	SEBOPESSINA	13.0901
Antifermentative and aromatic agent	Toothpastes, mouthwashes 3%-5%	LIQUIRITINA	13.0943
Emulsions stabilizer; viscosity regulator; emollient, solubilizer and co-emulsifier	Emulsions, anhydrous preparations 0.1%-4%	SITOSTENE	13.0983
Ingredient for balneotherapy	Bath preparations, skin toners, toothpastes 1%-4%	THALATON	13.1147
Toner	Bath products, hair lotions 1%-4%	LAMINARINE	13.1235
It gives a pleasant warming after-feel on the skin, but non-irritating. Coadjuvant in the topical treatment of cellulitis sequelae. See Iodotrat	Massage and sports creams, oils and ointments, hair lotions and shampoos 5%-15%	ZEDOMINE-1	13.1250
Emollient (hydrosoluble)	Emulsions, ointments 5%-10%	MELIBION	13.1295
It has the same properties as vegetable tar with the dermatological advantage not to contain benzene, toluene, naphtenes, cresols, catechins, xyleneols and hydrocarbons	Lenitive for non pathological skin disorders. Its toning action gives a smoothing feeling. Helps reducing dandruff. Shampoos. 2%-10%	TRICOSOLFAN	13.2083
Influence the natural synthesis of filaggrin of which correct production is important to maintain a suitable level of epidermal moisturization, direct hydration	Skin care cosmetics, make-ups 5%-10%	FILAGRINOL	13.2423
		FILAGRINOL POB-FREE	13.4921
Skin nourisher	Creams, oils, beauty masks and lipsticks 10%-20%	delta ROSA MOSCHATA	13.2612

PROPERTIES	APPLICATIONS % USE LEVEL	BRAND NAME	VEVY CODEX
Tonifier and counterirritant which gives a pleasant warming after-feel on the skin. Useful in the topical treatment of cellulitis. See Iodotrat	Skin tonics and lotions; massage and body care creams, lotions, oils or ointments; slimming creams; beauty masks; hair care shampoos and lotions 0.5%-5%	ZEDOMINE-2	13.3152
The high level of linolenic acid versus linoleic acid creates a dermo-restoring synergism. In the epidermis, Efaderma-F restores stratum corneum lipids located in intercellular voids which constitute not only the real barrier to cutaneous absorption but also oppose to the transepidermal water loss (moisturizing effect). The lipogenic activity is monitored by the local need in EFA. In the dermis, through regulating action on the arteriolecapillar network (dilatationoxygenation) faderma-F favors a cutaneous physiological trophism (reestablishment of a rigorously physiological flow: linolenicPGI). Efaderma-F is a transdermal diffusion factor (TDF), substitute of liposomes	Ingredient for skin care and dermatological landscapes.	EFADERMA-F	13.3567
Special vegetable protein produced through a proprietary isolation and stabilization process which allows a dual optimal use in dermopharmaceutics and cosmetic	Its easy dispersion in water allows to formulate creamy, pearly shampoos, gels and gel-creams emulsifier-free up to 10%	OCTAPROTEIN-COLLOID	13.3646
It favourably modify the moisture content and elasticity of the skin. Because of its slight exfoliation effect deriving from the natural intrinsic properties of malic acid, it is also useful for cosmetic products designed to improve the appearance and softness of the skin as well as to prevent formation of small wrinkles.	Skin care emulsions and gels; body preparations; cleansing lotions and liquids; face and neck preparations; night skin care formulations; masks. Use levels 2%-5%	KERESINE	13.3984
The injured epidermis produces stress-hormones autonomously: ACS-AntiCytosSressor allows to modulate this activity. Skin anti-inflammatory, antiageing and free radical scavenger, keratoplastic activity, treatment of dyskeratosis.	In emulsions, lotions and gels: 2%-3% according to the formulation.	ACS-ANTICYTOSTRESSOR	13.4566

PROPERTIES	APPLICATIONS % USE LEVEL	BRAND NAME	VEVY CODEX
Tonifier and counterirritant which gives a pleasant warming after-feel on the skin. Useful in the topical treatment of cellulitis (see Iodotrat), and hair care shampoos and lotions.	Skin tonics and lotions; massage and body care creams, lotions, oils or ointments; slimming creams; beauty masks; hair care shampoos and lotions. 0.5%-5% in skin and hair care products; 5%-9% in slimming creams, massage and sport oils, ointments, creams, alcohol/water gels	ZEDOMINE-3	13.4822

HYDROPLASTIDINES

PROPERTIES	APPLICATIONS % USE LEVEL	BRAND NAME	VEVY CODEX
Astringent, soothing	Baby and sunscreen products; aftershave lotions and creams; skin care creams, lotions and gels. 1.0%-5.0%	ARCTOSTAPHYLOS	13.3263
Emulgent	Baby hygiene, adulterated skin hygiene 5.0%	CALENDULA	13.3470
Toner	Skin care preparations. 1%-5%	MEDICAGO	13.3275
PROPERTIES	APPLICATIONS % USE LEVEL	BRAND NAME	VEVY CODEX
Emollient, lenitive	5%-8% for external use. The 5% watery solution is opalescent and should be filtered on Whatman 5 paper	ONONIS	13.3347
Skin protectant, skin lightener, astringent and soothing agent. Helpful in topical treatment of cellulitis	Skin care and bath products for sensitive and reddened skin. Formulations for the topical treatment of cellulitis. Sunscreens and after-sun products. Hand and leg care cosmetics. Personal hygiene detergents. Up to 10% for external use	AESCULUS HIPPOCASTANUM	13.3443
Emollient, lenitive, slightly astringent	Creams, tonics, lotions and masks for dry skin; products for dry scalp and hair. 1%-5%	OLEA FOLIUM	13.3471

PROPERTIES	APPLICATIONS % USE LEVEL	BRAND NAME	VEVY CODEX
Source of proteins and B vitamins for the cosmetic improvement in the quality of the skin, scalp and hair	Toning and revitalizing products for skin, scalp and hair. 1.0%-5.0% in O/W and W/O creams; lotions; tonics; masks; gels	FERMENTUM	13.3491
Hydric fraction of Flores Aurantii. Cosmetic use	1.0%-5.0% in O/W and W/O creams, lotions; tonics; masks; gels	FLORES AURANTII	13.3492
Anti-irritant, resilient effect	Cosmetics for dry and sensitive skin; suntan and sunscreen formulations; body and hand care products; baby care preparations. 1%-5% in emulsions, gels and lotions	MATRICARIA	13.3496
Anti-aging, emollient, moisturizer	Up to 10% for external use	POLLEN	13.3634
Emollient, lenitive	5.0%-10.0% in O/W and W/O emulsions, masks, aqueous and hydroalcoholic systems	AVENA	13.3742
Mild astringent, skin protectant and soothing agent due to its tannins, ascorbic acid and anthocyanins content	Skin care products; face masks; after-sun products; baby products; formulations for sensitive skin. Up to 3% for external use	SAMBUCUS	13.3803

LIPOPLASTIDINES

PROPERTIES	APPLICATIONS % USE LEVEL	BRAND NAME	VEVY CODEX
Resilient effect	Cosmetics for skin care 2%-5%	SPINACIA	13.1232
Suitable for skin with excessive secretion of sebum	Cosmetic preparations used in the treatment of oily and impure skin 1%-2%	ALLIUM CEPA	13.1254
Suitable for skin with excessive secretion of sebum	Cosmetic preparations used in the treatment of oily and impure skin 2%-5%	SOLANUM LYCOPERSICUM	13.1319
Moisturizing and resilient effect	Skin care and sunscreen preparations 2%-5%	DAUCUS	13.1351

PROPERTIES	APPLICATIONS % USE LEVEL	BRAND NAME	VEVY CODEX
Emollient	Cosmetic for dry skin 2%-5%	POLLEN	13.1356
Emollient, moisturizing effect	Cosmetics for dry, sensitive and aging skin 2%-5%	MEL	13.1365
Resilient effect	Skin care cosmetic for aging skin 3%-6%	TRITICUM FURFUR	13.1370
Moisturizing effect	Skin care preparations especially for sunscreen products.1%-3%	AVENA	13.1408
Freshener, emollient	Sunscreen and skin care preparations 2%-4%	ALOE	13.1424
Moisturizing effect	Skin toners, emulsions 3%-5%	LAMINARIA	13.1469
Toner, astringent	Cosmetics for sensitive skin 3%-5%	CAPPARIS	13.1531
Emollient, sebum-balancer	Cosmetics for skin care 3%-5%	PAPPA REGALIS	13.1586
Toner	Skin care preparations for sensitive skin 3%-5%	OLEA FOLIUM	13.1593
Anti-irritant, resilient effect	Cosmetics for dry and sensitive skin 2%-5%	MATRICARIA	13.1594
Sebum-balancer	Cosmetics for skin with tendency to acne 3%-5%	OENOTHERA BIENNIS	13.1687
Moisturizing, lenitive and keratoplastic	Skin care preparations for sensitive and couperose skin 3%-5%	EQUISETUM	13.1710
Lenitive, emollient and protective effect	Cosmetics for dry and sensitive skin; suntan and sunscreen formulations; body and hand care products; baby care preparations 2%-5%	CALENDULA	13.1714
Protectant and tanning agent	Sunscreen preparations 2%-5%	JUGLANS	13.1734
Toner	Skin toners, emulsions 3%-5%	LONICERA	13.2040
Emollient	Cosmetic preparations for dry skin, baby oils and after-sun lotions 3%-5%	SOJA	13.2133

PROPERTIES	APPLICATIONS % USE LEVEL	BRAND NAME	VEVY CODEX
It normalizes skin softness moisture and elasticity	O/W and W/O emulsions, anhydrous systems 2%-5%	AESCLUS HIPPOCASTANUM	13.2203
Astringent and lenitive effect	Cosmetics for skin with tendency to acne; suntan and sunscreen formulations 3%-5%	KRAMERIA	13.2520
Resilient effect	Skin care preparations for aging skin, sunscreen cosmetics 3%-6%	ORYZA FURFUR	13.2521
Toner	Hair shampoos, lotions, rinses; massage and sport creams, lotions and ointments; cosmetic for the treatment of cellulitis 1%-5%	CAPSICUM	13.3283

14. ANIMAL-DERIVED ACTIVES

PROPERTIES	APPLICATIONS % USE LEVEL	BRAND NAME	VEVY CODEX
Emollient, moisturizing agent, natural co-emulsifier and antioxidant	Skin and hair care preparations up to 10%	AUGON-1000	14.0198
Hair care additive that repairs transversal splitting, split-ends and defibration from dyeing and permanent waves	Hair care preparations such as conditioning emulsions, shampoos, rinses, etc. 0.5%-3%	EPCH	14.1066
Toner and emollient	Synthetic detergent, soaps, emulsions, surfactant preparations 5%-10%	GALACTENE	14.1308
Resilient effect	Skin care creams and lotions 2%-5%	LUTEUM OVI	14.1372
Resilient effect	Skin care creams and lotions 2%-5%	SALMO OVUM	14.1596

15. SUNSCREENS AND COLOR SKIN BALANCER

PROPERTIES	APPLICATIONS % USE LEVEL	BRAND NAME	VEVY CODEX
Delicate, long-lasting clearing product for the skin.	Cosmetic treatment of acneic skins. Cosmetic skin lightener. 1%-10%	AZAMIDE	15.3711
Protection from ageing	Antiageing preparations 2%-7%	MEGASOL-COMPLEX	15.4313

16. SKIN HEALING AGENTS

PROPERTIES	APPLICATIONS % USE LEVEL	BRAND NAME	VEVY CODEX
Keratoplastic activity, which increases skin protective properties; effective in the treatment of couperose skin	Emulsions, tonics, gels, masks: 3%-5%	KERATOPLAST	16.1314

17. MOISTURIZERS

PROPERTIES	APPLICATIONS % USE LEVEL	BRAND NAME	VEVY CODEX
Its hydrophilic and lipophilic characteristics, when adequately incorporated into the right carrier, and low molecular weight allow full absorption through the skin where it is utilized to improve moisture and skin elasticity; it could be used pharmaceutically in skin wounds and other affections of the skin	Skin care preparations such as moisturizing creams and lotions, make-ups, depilatories, after-shaves 0.1%-1%	HYALURAMINE	17.0255
Hyaluramine-S® is fully soluble in water and therefore it is easy to be used in the greatest part of the cosmetic forms. In particular, it is recommended in all preparations that claim a moisturizing and anti-ageing activity.	Skin care preparations such as moisturizing creams and lotions, make-ups, depilatories, after-shaves 0.5%-2.5%	HYALURAMINE-S	17.5000

18. ACTIVES BY SYNTHESIS

PROPERTIES	APPLICATIONS % USE LEVEL	BRAND NAME	VEVY CODEX
Body contour treatment (cosmetic cellulitis)	Massage and slimming creams, foam baths, gels 0.6%-8%	IODOTRAT	18.0364
Anti-static agent compatible with active cationic agents which provides sheen and softness to the hair	Hair care preparations 2%-6%	BTN	18.0523

PROPERTIES	APPLICATIONS % USE LEVEL	BRAND NAME	VEVY CODEX
Odoric liquid substitute for methyl salicylate in massage products. Coadjuvant in the treatment of post-cellulite sequelae	Emulsions, anhydrous preparations 5%-10%	EDESAL	18.0529
Active oligomer (precursor) of soluble collagen with a low molecular weight. It is characterized by the presence of the aminoacid sequences found in collagen	Skin care cosmetics 2%-6%	COLLAGENON	18.0737
Reduces the enzyme-toxicity of surfactants	Additive for all skin care preparations 0.5%-1%	CARBOSSALINA	18.1107
Guarantees simultaneous and balanced contribution of two factors: proline and essential fatty acids which prevent skin dehydration and delay the aging process. Useful in hair treatment and conditioning	Skin and hair care cosmetics 2%-5%	AMINOEFADERMA	18.1599
Basic active principle for the treatment of skin elasticity. Cutaneous cohesion factor (see Filagrinol). The regular application of Dermonectin improves compactness and skin elasticity	Skin care cosmetics 3%-6%	DERMONECTIN	18.1926
Skin anti-inflammatory; strictly skin and not systemic anti-inflammatory agent; anti-lipoperoxidation action; for the treatment of dyskeratosis; it is not a local anaesthetic; Keratoplastic activity in alternative to peeling with AHA (<i>alphahydroxyacids</i>)	Dermatologic and cosmetic skin care products. 0.3%-0.5% - 1.3%	SALYCUMINOL	18.3726

19. FUNCTIONAL PRODUCTS

PROPERTIES	APPLICATIONS % USE LEVEL	BRAND NAME	VEVY CODEX
Neutralizer for Carbopol gels; extremely mild pH stabilizer. Deodorant	Gels, emulsions, shampoos, solutions 0.1%-0.8%	DESAMINE	19.0372
DesaDrops may be used as succedaneous of "classical" neutralizers such as AMP (aminomethylpropanol), TEA, Sodium hydroxide, etc. in the same percentages of use. It is a very safe product because it does not release any secondary reaction toxic element, such as nitrosamine. It has to be considered as a classical neutralizer; it can substitute, respecting right proportions, the most common neutralizers.	0.1%-1% or according to the amount of acid radicals to neutralize	DESADROPS	19.4944

20. FRAGRANCE MODULATORS

PROPERTIES	APPLICATIONS % USE LEVEL	BRAND NAME	VEVY CODEX
Copuline. Fixing agent for cosmetics Attractive smelling pheromonic substance for female perfumes	Universal additive for cosmetics 0.005%-0.02%	OSMOPHERINE	20.0933
Attractive smelling pheromonic substance for male perfumes	0.1% or more	OSMOPHERONE-H	20.3793
Attractive smelling pheromonic substance for male perfumes	0.1% or more	OSMOPHERONE-L	20.5015

HYDROESSENTIALS

PROPERTIES	APPLICATIONS % USE LEVEL	BRAND NAME	VEVY CODEX
Natural fragrance, water soluble Solubilizers-free	Skin tonics and lotions with or without alcohols 0.005%-0.3%	MELISSA	20.0667
Natural fragrance, water soluble Solubilizers-free	Skin tonics and lotions with or without alcohols 0.005%-0.3%	MATRICARIA	20.0669
Natural fragrance, water soluble Solubilizers-free	Skin tonics and lotions with or without alcohols 0.005%-0.3%	FLORES ROSAE	20.0670
Natural fragrance, water soluble Solubilizers-free	Skin tonics and lotions with or without alcohols 0.005%-0.3%	ROSMARINUS	20.0671
Natural fragrance, water soluble Solubilizers-free	Skin tonics and lotions with or without alcohols 0.005%-0.3%	THYMUS	20.0672
Natural fragrance, water soluble Solubilizers-free	Skin tonics and lotions with or without alcohols 0.005%-0.3%	FLORES AURANTII	20.1344
Natural fragrance, water soluble Solubilizers-free	Skin tonics and lotions with or without alcohols 0.005%-0.3%	MENTHA	20.1527
Natural fragrance, water soluble Solubilizers-free	Skin tonics and lotions with or without alcohols 0.005%-0.3%	PINUS SYLVESTRIS	20.3055
Natural fragrance, water soluble Solubilizers-free	Skin tonics and lotions with or without alcohols 0.005%-0.3%	EUCALYPTUS	20.3063
Natural fragrance, water soluble Solubilizers-free	Skin tonics and lotions with or without alcohols 0.005%-0.3%	LAVANDULA	20.3031

PROPERTIES	APPLICATIONS % USE LEVEL	BRAND NAME	VEVY CODEX
Natural fragrance, water soluble Solubilizers-free	Skin tonics and lotions with or without alcohols 0.005%-0.3%	PELARGONIUM	20.3058
Natural fragrance, water soluble Solubilizers-free	Skin tonics and lotions with or without alcohols 0.005%-0.3%	LAURUS	20.3451
Natural fragrance, water soluble Solubilizers-free	Skin tonics and lotions with or without alcohols 0.005%-0.3%	CITRUS LIMON	20.3709
Natural fragrance, water soluble Solubilizers-free	Skin tonics and lotions with or without alcohols 0.005%-0.3%	CUPRESSUS	20.4524

21. INTEGRATED PRIMARY INGREDIENTS (IPI)

PROPERTIES	APPLICATIONS % USE LEVEL	BRAND NAME	VEVY CODEX
Integrated primary ingredient for a normalized and odourless perspiration	Finished application products to solve the perspiration problem. Perfectly tolerated in armpit and in the perigenital area. 13% ± 2	HEXATRATE	21.3364
		HEXATRATE ALUMINUM FREE	21.3503

3.EXAMPLES OF PRODUCTS ASSOCIATION

REQUESTED PRODUCT	ACTIVES	EXCIPIENTS / STABILIZERS
Aftershave	Alutrat, Auxina Tricogena, Auxina Tricogena Etha Free, Fitoestesina, Salycuminol	Dodecalene, Alcoramnosan, Undebenzofene-C, Undebenzofene POB Free
Antiageing	Efaderma-F, Filagrinol, Oligoidyne-1-complex, Delta Rosa Moschata, Salycuminol, Dermonectin, ACS-AntiCytoStressor, Trioxene-LV	Trioxene-LV, Vyox, Isostearene, Xalifin-15, Xalidrene, Nesatol, Isoxal-H, Lipocerite
Anticellulitis	Iodotrat, Zedomine, Lipoplastidine Laminaria, Hydroplastidine Aesculus Hippocastanum, Salycuminol, Edesal	Xalifin-15, Nesatol, Xalidrene, Isoxal-H, Lipocerite
Antidandruff (lotion)	Auxina Tricogena, Auxina Tricogena Etha Free, Tricosolfan, Keresine, ACS-AntiCytoStressor, Undelene, Undamide	Undebenzofene-C, Undebenzofene POB Free
Antiredness (emulsion)	Lipoplastidine Oryza Furfur, Lipoplastidine Luteum Ovi, Octaprotein-colloid, Salycuminol, ACS-AntiCytoStressor, Keratoplast	Xalifin-15, Nesatol, Lipocerite, Xalidrene, Trioxene-LV, Isoxal-11, Isoxal-12, Isoxal-H
Antiredness (powder)	Kalixide Grassa, Talcoseptic	
Antiredness due to external agents	Octaprotein-colloid, Salycuminol, ACS-AntiCytoStressor	PME-1, Syntesqual
Antiseptic (lotion and emulsion)		Undebenzofene-C, Undebenzofene POB Free
Antiseptic powder	Talcoseptic, Undezin	
Antiwrinkle	Dermonectin, Collagenon, Lipoplastidine Salmo Ovum	Xalifin-15, Nesatol, Isostearene, Isoxal-H
Body odours neutraliser	Alutrat, Hexatrate	Undebenzofene-C, Undebenzofene POB Free, Desamine
Delicate non-detergent makeup remover	Lipoplastidine Avena, Keresine, Trioxene-LV	Isolene, Trioxene-LV, Nesatol
Dermopurifier for acne	Lipoplastidine Allium Cepa, Sebopessina, Oligoidyne-1-complex, Hexatrate, Keresine	Nesatol, Undebenzofene-C, Undebenzofene POB Free
Detergent for babies and personal hygiene	Afrosalt, Carbossalina, Octaprotein-colloid	Ixol-8, Undebenzofene-C, Undebenzofene POB Free, Nidaba-318
Detergent and preservatives for continuous professional use (dentists, etc.)	Afrosalt, Carbossalina, Octaprotein-colloid	Ixol-8, Undebenzofene-C, Undebenzofene POB Free
Emollient (oil)	Efaderma-F, Lipoplastidine Avena, Lipoplastidine Daucus, Lipoplastidina Luteum Ovi, Delta Rosa Moschata	Nesatol, Isostearene, Trioxene-LV, Myristol-2-8-12
Emollient for babies	Lipoplastidine Avena, Daucoil, Octaprotein-colloid	Nesatol, Lanolide-extra
Epidermal healer	Filagrinol, Salycuminol, Trioxene-LV	Keratoplast, Trioxene-LV

REQUESTED PRODUCT	ACTIVES	EXCIPIENTS / STABILIZERS
Eye area moisturization	Hyaluramine, Filagrinol (in emulsion), Octaprotein-colloid	PME, Isostearene, Seboside, Lanolide-extra
Fluid gel	Octaprotein-colloid	Idroramnosan, Liporamnosan, Alcoramnosan, Glycolene, Dodecalene
Hair nourisher (lotion)	Auxina Tricogena, Auxina Tricogena Etha Free, EPCH, Hyaluramine, Oligoidyne-2 complex, Octaprotein-colloid, Aminoefaderma	Dodecalene, BTN, Nesatol
Hair rinse	Laurene, BTN	Afron-22, Nidaba-318
Highly stable cream-perfume	Hexatrate	Isoxal-H, Dodecalene, Microxal-H
Highly stable O/W cream		Xalifin-15, Isoxal-12
Highly stable O/W milk	Efaderma-F	Xalifin-15, Isoxal-11, Liporamnosan, ADF-oleile
Humectant	Octaprotein-colloid	Glycolene, Isostearene, Dodecalene
Keratoplastic	Lipoplastidine Equisetum, Tricosolfan, Salycuminol, ACS-AntiCytoStressor, Keratoplast	Ricino-Viscoil-N, PME-1
Lipstick	Filagrinol	Nesatol, Isostearene, Cetacene
Liquid for contact lens	Dacriosalt	Hydroessential Matricaria
Lubricant	Efadermasterolo, Octaprotein-colloid	Liporamnosan, Nesatol, Trilipidina, PME-1
Microemulsion	Dermonectin, Oligoidyne, Trioxene-LV	Microxal-H, Isoxal-5, Isostearene, Trioxene-LV
Moisturizer	Hyaluramine, Filagrinol, Efaderma-F, Oligoidyne-1-complex	Xalifin-15, Isostearene, Isoxal-H
Nourishing cream	Efaderma-F, Lipoplastidine Luteum Ovi, Lipoplastidine Oryza Furfur, Dermonectin, ACS-AntiCytoStressor	Seboside, Xalifin-15, Isostearene, Isoxal-H, Trioxene-LV, Nesatol, Syntesqual
Preshave	Arrectosina, Keresine	Dodecalene, Alcoramnosan
Refreshing (emulsion)	Liquiritina, Zedomine	
Refreshing mouth-wash	Liquiritina	Hydroessential Matricaria, Melissa, Flores Aurantii
Seawater therapy	Thalaton, Afrosalt	
Sebum balancer	Braxicina, Sebopessina, Tricosolfan, Keresine, Lipophos, Efaderma-F, Lipotrophyne-A, Lipoplastidine Solanum Lycopersicum, Keratoplast	Nesatol, Isostearene, Keratoplast, Isoxal-H
Skin lightener	Azamide, Hydroplastidine Aesculus Hippocastanum	Xalifin-15, Isostearene
Skin normaliser	Filagrinol, Keratoplast, Lipoplastidine Olea Folium	Xalifin-15, Trioxene-LV
Soothing paste	Salycuminol, Keratoplast	PME-1
Stimulant (cutaneous balm)	Zedomine, Edesal, Iodotrat, Fitoestesina, Keratoplast	Nesatol, Poliglicoleum
Suppositories		Nesatol, Cetacene

REQUESTED PRODUCT	ACTIVES	EXCIPIENTS / STABILIZERS
Toothpastes	Liquiritina, Afrosalt, Thalaton, Salycuminol	LMB
Transdermal Delivery Preparations	Trioxene-LV, Alutrat, Keratoplast	Microxal-H, Trioxene-LV, ADF-oleile
Vegetal emollient	Octaprotein-colloid	Dodecalene, Filagrinol
W/O "soft" emulsion	Filagrinol	Isocet, Seboside
W/O emulsion	Filagrinol	Lanolide-extra, Seboside, Syntesqual, Isostearene, PME-1
Waterless cleaner	Alutrat anidro, Keresine	Dodecalene, Undebenzofene-C, Undebenzofene POB Free, Laurene
Water repellent Control of dehydration (cream)	Lipoplastidine Matricaria, Carbossalina, Filagrinol	PME-1, Lipocerite, Seboside, Lanolide-extra

The above examples concern selected raw materials from Vevy Europe dictionary, whose compatibility has been duly tested. Such associations are proposed only as suggestions.

4. RATIONAL PREPARATION OF BASES FOR SKIN APPLICATION

Emulsifiers

Request	Product type	Destination	Chosen Ingredients
Emulsifier	O/W solid emulsion (cream)	delicate skin or with dermatologic problems	Xalifin-15 Isocet
Emulsifier	O/W solid emulsion (cream) containing destabilizing substances (salts, cationic matter, etc.)	normal skin	Isoxal-H
Emulsifier	W/O emulsion	normal or delicate skin	Seboside
Emulsifier	O/W microemulsion and transdermal delivery preparations	normal skin	Microxal-H

Oils

Request	Product type	Destination	Chosen Ingredients
Oil for emulsion	O/W emulsion with slow release of active principles	normal or delicate skin	Nesatol Syntesqual
Oil for emulsion	O/W emulsion with normal release of active principles	normal or delicate skin	Isostearene Isolene
Oil for emulsion	O/W emulsion with fast release of active principles	normal or delicate skin	Trioxene-LV Myristol-2,8,12
Oil for emulsion	W/O emulsion with slow release of active principles	normal or delicate skin	Syntesqual
Oil for emulsion	W/O/W emulsion	normal or delicate skin	Syntesqual
Oil for emulsion	W/O emulsion with fast release of active principles	normal or delicate skin	Myristol-2,8,12
Oil for hydrophilic oleolite	hydrophilic oil	delicate skin	Isolene
Oil for hair application	balsam or oleolite or special shampoo	dry hair	Nesatol BTN

Fat and waxes

Request	Product type	Destination	Chosen Ingredients
Lanolin substitute	O/W and W/O emulsion	normal or delicate skin	Lanolide-extra
Vaseline substitute	O/W and W/O emulsion	normal or delicate skin	PME-1 PME
Emollient and consistency factor	O/W and W/O emulsion	normal or delicate skin	Lipocerite
Protective and stabilizer	O/W and W/O emulsion Idrogel and oleogel	normal or delicate skin	Cetacene

Stabilizers, thickeners, gelling agents

Request	Product type	Destination	Chosen Ingredients
Stabilizing and fluidizing agent	O/W liquid emulsion (milk)	normal or delicate skin	ADF-oleile
Gelling agents, thickeners	Lipidic anhydrous gels, Oil viscosizer	normal or delicate skin	Lipogelag
Gelling agents, thickeners	Hydroalcoholic gels	normal or delicate skin	Alcoramnosan
Gelling agents, thickeners	Watery gels, humectant gels	normal or delicate skin	Liporamnosan
Gelling agents, thickeners	Watery gels, viscosizers	normal or delicate skin	Idroramnosan

A safe emulsifier

XALIFIN-15

Vevey codex 02.0151

Since when is Xalifin-15 being used? Since 1959 in thousands of dermatologic and cosmetic formulae. Xalifin-15 has no restriction of use and it is wide used all over the world.

How is it classified from pharmacotoxicological viewpoint? It is harmless from topical as well as from systemic viewpoint. It was also found to be harmless when tested on neurotoxic crypto-toxicity caused by skin absorption and harmless when tested on human sensitization.

Why is it classified as a "bioemulgoid"? Because, beside being harmless according to basic toxicity tests, it has also been proven that it is not inhibiting the enzymic action of the cutis, especially the action of enzymes ensuring energy metabolism and proteic synthesis. This peculiar innocuity aspect makes it particularly suitable as an emulsifier from biologic viewpoint.

no risk whatsoever as to the presence of 1.4-dioxane

What are its emulsifying properties? It is a non ionic (O/W) emulsifier with HLB = 12; it does not depend on pH. Its emulsions are stable even at very high thermal gradients; it has an excellent texture and a high skin feel index; it also has an excellent release capacity.

Nowadays, the actual harmlessness of non ionic ethoxylated surfactants is justly under discussion. Worries about these surfactants are regarding the possible presence of 1,4-dioxane, usually not exceeding a few ppm. This impurity may form during the fatty acid ethoxylation process due to ethylene oxide demerization. What is the position of Xalifin-15?

Xalifin-15 does not run this risk, nor does Isoxal-H. Both products are obtained without using ethylene oxide but only polyoxyethylene glycol, which is non toxic and biocompatible, even with peptides and nucleotides, and this fact has gained in recent years much importance in biotechnologic biochemical and medical re-search. It follows that there is no risk whatsoever as to the presence of 1.4-dioxane, the cancerogenic nature of which was demonstrated in laboratory tests.



Italia

CERTIFICATO

Nr 50 100 9628

Si attesta che / This is to certify that

IL SISTEMA QUALITÀ DI
THE QUALITY SYSTEM OF

VEVY EUROPE S.p.A.

SEDE LEGALE E OPERATIVA:

**VIA SEMERIA 16A
I-16131 GENOVA (GE)**

È CONFORME AI REQUISITI DELLA NORMA
HAS BEEN FOUND TO COMPLY WITH THE REQUIREMENTS OF

UNI EN ISO 9001:2008

Riferirsi al manuale della qualità per eventuali dettagli delle esclusioni
ai requisiti della norma ISO 9001:2008
*Refer to quality manual for possible details of exclusions of requirements
of the norm ISO 9001:2008*

Questo certificato è valido per il seguente campo di applicazione
This certificate is valid for the following product or service range

**Ricerca, sviluppo e produzione di materie prime, intermedi e principi attivi
per l'industria dermofarmaceutica, cosmetica e igienistica.**

Ricerca, sviluppo e produzione di eccipienti per l'industria farmaceutica.

**Progettazione e sviluppo di sistemi informatici hardware e software ad uso
industriale, scientifico, ufficio e relativa formazione (EA 12, 13, 33)**

*Research, development and production
of raw materials, intermediates and active ingredients
for the dermo-pharmaceutical, cosmetic and personal care industry.*

*Research, development and production of excipients
for the pharmaceutical industry.*

*Design and development of hardware and software systems
for industrial, scientific, office applications and related training (EA 12, 13, 33)*



SGQ N° 049A SSI N° 005G PRD N° 081B
SGA N° 018D ITX N° 001L ISP N° 057E
SCR N° 009F

Membro degli Accordi di Mutuo Riconoscimento
EA, IAF e ILAC
Signatory of EA, IAF and ILAC Mutual Recognition
Agreements

Per l'Organismo di Certificazione
For the Certification Body

TÜV Italia S.r.l.

Andrea Vivi
Amministratore Delegato - CEO

Data di emissione / Issue date

2010-06-14

Data di scadenza / Expiry date

2013-06-13

"La validità del presente certificato è subordinata a sorveglianza periodica a 12 mesi e al riesame completo del sistema di gestione aziendale con periodicità triennale"

"The validity of the present certificate depends on the annual surveillance every 12 months and on the complete review of company's management system after three-years"



CERTIFICATE

Nr 00 - 9628

This is to certify that

THE QUALITY SYSTEM OF

VEVY EUROPE S.p.A.

SEDE LEGALE E OPERATIVA:

VIA SEMERIA 16A

I-16131 GENOVA (GE)

*HAS BEEN FOUND TO COMPLY
WITH THE REQUIREMENTS OF THE*

EFFCI GMP STANDARD FOR COSMETIC INGREDIENTS 2005

**INCLUDING THE 2008 CERTIFICATION STANDARD AND SCHEME
FOR GMP FOR COSMETIC INGREDIENTS.**

*THIS CERTIFICATE IS VALID FOR THE FOLLOWING PRODUCT
OR SERVICE RANGE:*

**Research, development and production
of raw materials, intermediates and active ingredients
for the dermo-pharmaceutical, cosmetic and personal care industry.**

**Research, development and production
of excipients for the pharmaceutical industry.**



For the Certification Body
TÜV Italia S.r.l.

Andrea Vivi
CEO

Issue date
2010-06-14

Expiry date
2013-06-13

"Subjected to the validity of ISO 9001:2008 certificate N° 50 100 9628"

vevy europe

www.vevy.com

vevyportal
our e-source

www.vevy.org

Lexicon
skin care instant reports

lexicon.vevy.com

Relata Technica

international journal on dermopharmacological research,
dermopharmaceutical technology and related cosmetic subjects

www.relata.info