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TECHNICAL SHEET

Product: MARINE COLLAGEN PF

Product code: 1079

Rev. 05: 24/07/2017

Shelf life: 365 days

| Product composition | | | | |
|----------------------------|--------------------|-------------------------------|-------------|-----------------------------------|
| UE INCI | USA INCI | Percentage composition | CAS | EINECS |
| AQUA | Water | >50 | 7732-18-5 | 231-791-2 |
| SOLUBLE COLLAGEN | - | 1 – 4.9 | - | - |
| CAPRYLYL GLYCOL | CaprylylGlycol | 1 – 4.9 | 1117-86-8 | 214-254-7 |
| ETHYLHEXYLGLYCERIN | Ethylhexylglycerin | 1 – 4.9 | 70445-33-9 | 408-080-2 |
| 1,2-HEXANEDIOL | 1,2-Hexanediol | 1 – 4.9 | 6920-22-5 | 230-029-6 |
| POLYACRYLAMIDE | - | 1 – 4.9 | 9003-05-08 | - |
| C13-14 ISOPARAFFIN | - | 0.1 – 0.9 | 246538-79-4 | - |
| LAURETH-7 | Laureth-7 | 0.1 – 0.9 | 3055-97-8 | 221-283-9 / 500-213-3 / 500-002-6 |
| TROPOLONE | Tropolone | < 0.1 | 533-75-5 | 208-577-2 |

| Product specifics | | | |
|--------------------------|---------------|---------------------------|-------------------|
| Parameter | Method | Unit of Mesurament | Acceptance |
| Physical aspect | Visual | | Fluid |
| Colour | Visual | | White/Yellowish |
| Smell | CH102 | | Slight |
| pH | CH001 | | 3.00 – 4.00 |
| Dry Residue | CH003 | % | ≥4 |
| Total Viable Count | MB001 | C.F.U./g-ml | 0 - 100 |
| Yeasts and Mould | MB010 | C.F.U./g-ml | 0 - 50 |
| Pseudomonas aeruginosa | MB003 | C.F.U./g-ml | Absent |
| Staphylococcus aureus | MB004 | C.F.U./g-ml | Absent |
| Candida albicans | MB005 | C.F.U./g-ml | Absent |

Storage and Use

Storage in the well-sealed original container, in a fresh, dry and dark place at a temperature below 25°C is recommended. The shelf life is 12 months for the product stored in these conditions.

Product Application Information

Film forming, moisturizing and protective. Thanks to its large amino acids content, particularly hydroxyproline, it makes possible a marked improvement of cutaneous hydration, elasticity and turgor. Together with mucopolysaccharides and elastin, collagen is a main constituent of the dermis connective tissue. Due to regular arrangement of fibrils, forming a thin macromolecular film on the horny layer, it is able to limit the unavoidable moisture losses caused by perspiratio insensibilis, helping to maintain a full, fresh and smooth skin. Suggested for all moisturizing, restructurant and nourishing products at dose level between 0.5% and 5%. We recommend to include the product in the final cosmetic formula, at the temperature of about 35-40°C while cooling.

Legend

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|---------------|---|
| INCI | International Nomenclature Cosmetic Ingredient |
| CAS | Chemical Abstract Service |
| EINECS | European Inventory of Existing Commercial Chemical Substances |