MAKINGCOSMETICS

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ISO 22716 2007 CERTIFIED

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DAP Tripeptide-33

Specification Sheet

Description: Novel peptide that has been shown in multiple in-vitro studies to actively prevent damages induced directly or indirectly by UV radiation to DNA and proteins in skin cells thereby preventing skin from photo-aging. Dissolved in caprylyl glycol & water.

CAS: 7732-18-5, 1117-86-8

INCI Name Water, diaminopropionoyl tripeptide-33, caprylyl glycol

Composition: Water, diaminopropionoyl tripeptide-33, caprylyl glycol

Purity Grade: No purity grade applicable

Appearance: Clear colorless liquid, no odor

pH Value: Range: 2.3-4.3

Benefits:

- In-vitro, the peptide has a significant photo-defensive effect on human epidermal keratinocytes and human skin fibroblasts.
- In-vitro, the peptide is able to quench the most cytotoxic product of lipid peroxidation, 4-hydroxynonenal, therefore inhibiting the formation of carbonylated proteins and preventing DNA damage.
- Clinically, the peptide improves the appearance of all the signs of premature skin aging.
- Overall, the peptide has been found to minimize the effects of intrinsic and extrinsic aging able to reverse and prevent skin cell damages induced directly or indirectly by UV irradiation.

Use: Add to water phase or at the end of formulas. Make sure the temperature of the formula is below 40°C (104°F). Typical use level: 0.5-5%. For external use only

Applications: Anti-aging & anti-wrinkle products, pre/after sun lotions, photo-defense treatments, eye wrinkle treatment.

Solubility: Water-soluble

Preservation: Preservative-free

Storage: Store at cool and dark place

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Country of Origin: Spain

Raw material source: Amino acids, diaminopropionic acid

Manufacture: Diaminopropionoyl tripeptide-33 is produced synthetically by the reaction of 2,3-diaminopropionic acid and tripeptide-33.

Animal Testing: Not animal tested

GMO: GMO-free

Vegan: Does not contain animal-derived components

HS Code: 3504001000