10800 231st Way NE
Redmond, WA 98053
Phone: 425-292-9502
makingcosmetics.com

Updated: 14-May-2024

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

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 40oC (104oF). 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.

10800 231st Way NE
Redmond, WA 98053
Phone: 425-292-9502
makingcosmetics.com

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