



TECHNOLOGY MAKES LIFE BETTER

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安徽艾约塔硅油有限公司

IOTA CORPORATION LTD.

Sunmoon industry park, 985 Xingzhong Road,
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TDS of IOTA 95283 Color-lock Aid

Silicone Quaternium-18 (and) Laureth-3 (and) Laureth-25 [INCI/CTFA]

Features

Cationic silicone surfactant

Cationic micro-emulsion

Bacterial inhibition

Excellent compatibility

Benefits

Color lock for a long time

Good hair conditioning

Anti-static

Description

This product is a quaternary alkyl ammonium silicone emulsion, which has powerful and broad-spectrum performance of antimicrobial in both gram-negative and gram-positive bacteria. Because its unique functional group structure, the product can show good long-lasting color lock performance when used in hair dye formulations. It is also anti-static and can provide hair softness. The product is an ideal ingredient for hair conditioner and other hair care formulations.

Technical index

Appearance: Colorless to yellowish, Transparent to translucent liquid

Refraction index (25°C): 1.3450-1.3650

Specific gravity (25°C): 0.970-1.010

Viscosity (s, 25°C): 11~13

Solid content (% , w/w): 13-18

Note: These values are not intended for use in preparing specification.

Applications

ADD: Sunmoon industry park, 985 Xingzhong Road, Bengbu, China 233000

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An ideal color-lock aid for hair care products such as shampoo, hair conditioner, hot oil, liquid gel and hair dye. It also can be used as anti-bacteria agent and anti-fungi agent.

How to use?

This product has good compatibility with cationic surfactants and non-ionic surfactants but may not compatible with anionic surfactants when it is used excessive. This product is suggested be added in the final procedure to make the better performance, in which temperature is below 50°C. The recommended usage level of this product is 0.2-2.0%. It is also recommended to carry out preliminary tests to determine the optimum quantity for particular application.

Package

This product is supplied in 20 Kg plastics containers. Samples are available upon request in bottles.

Storage and Transport

This product cannot be used on body directly. If contact eye accidentally, you must flush with abundant water and see a doctor. Keep away from the reach of children. This product has a shelf life of 12 months from the date of production under 25°C condition.

Cautions

This product is neither tested nor suggested in the medical and pharmaceutical applications directly.

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