

SeraSoft SW 70-A

INCI: Stearyl Dimethicone (and) Octadecene

Applications

Skin Care
Sun Care
Color Cosmetics
Antiperspirants
Misc Application

Benefits

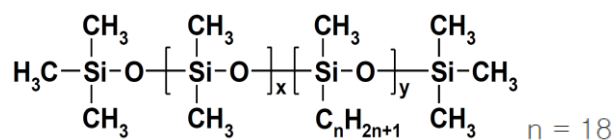
Substantive to skin & hair
Non-comedogenic
Moisturization

Description

KCC Beauty SeraSoft SW 70-A is a linear polydimethylsiloxanes with randomly distributed medium-carbon chain alkyl chains of a length of C18. KCC Beauty SeraSoft SW 70-A melts on contact with skin, providing good moisturizing. SeraSoft SW 70-A has broad compatibility with most organic cosmetic ingredients. As a coupling agent for organic ingredients into silicones, SeraSoft SW 70-A is providing improved aesthetic in mineral oil and paraffin.

Typical Properties	
Appearance	Semi-Solid white wax
Odor	Odorless
Color	White to yellow
Viscosity (mPa·s, 25°C)	35(40°C)
Specific gravity (25°C)	0.85
Flash point – closed cup	>100
Refractive Index	1.447
Softening Point (°C)	32
CTFA / INCI Designation	Stearyl Dimethicone (and) Octadecene

Composition



Applications

- A. Sun care : Benefits - SPF boosting / Typical Use Level - 0.5 ~ 10%
- B. Skin care : Benefits - Moisturizing / Typical Use Level - 0.25 ~ 5%
- C. Color Cosmetics : Benefits - Good spreadability / Typical Use Level - 1.0 ~ 10%
- D. Antiperspirants : Benefits - Moisturizing / Typical Use Level - 1.0 ~ 25%
- E. Misc Applications : Typical Use Level : 0.25 ~ 20%

Compatibility/Solubility

SM4130P Cosmetic Wax to Organic Ratio, grams

	SM4130P		
	1 : 9	1 : 1	9 : 1
Almond Oil	CH	CH	CH
Avocado Oil	CH	CH	CH
Beeswax	CH	CH	CH
Candelilla	CH	I	CH
Caprylic/Capric Triglyceride	CH	CH	CH
Carnauba Wax	I	I	I
Castor Oil	I	I	I
Ethanol(200 proof)	CH	CH	I
Isopropyl Myristate	CH	CH	CH
Jojoba Oil	CH	CH	CH
Lanolin	CH	CH	CH
Lanolin Alcohol	CH	CH	CH
Lanolin Oil	CH	CH	CH
Mineral oil	CH	CH	CH
Octyl Methoxycinnamate	CH	CH	CH
Octyldodecanol	CH	CH	CH
Oleyl Alcohol	CH	CH	I
Ozokerite	CH	CH	CH
Petroleum Jelly	CH	CH	CH
Stearyl Alcohol	CH	CH	CH

- C : Compatible

- IC : Not Compatible

- CH : Compatible at 80°C (176°F)

- ICH : Not Compatible at 80°C (176°F)

Method of Use

SeraSoft SW 70-A is easily incorporated into the oil phase similar to comparably low melting point organic waxes. Due to the broad solubility profile in most organic ingredients, no special handling requirements are necessary.

Recommended Usage Level

Usage level is highly dependent on application and is usually between 0.25 and 25%.

Packaging

This product is available in 15 kg pails and 160 kg drums.

Storage and Shelf Life

The product should be stored at or below 25°C and not be allowed to freeze. Shelf life of the un-opened container is 24 months from the date of manufacture. If you wish to use this product after this time, please contact us for details.

Toxicity and Handling

Please see our SeraSoft SW 70-A safety data sheet for more details. Information for safe use of this product is not included in this document. Before handling please read container labels and the safety data sheet for physical, environmental and health hazard information.

Limited Warranty Information

Although every effort has been made to ensure that the information contained within this data sheet is reliable, we cannot be held responsible for the correctness of the information or for any loss, injury or damage which may result from its use. Suggestions of uses should not be taken as inducements to infringe any particular existing patent

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