



PEG-Free Silicone Emulsifiers

Overview

Andisil® PEG-Free Silicone Emulsifiers are primarily used for formulating stable water in volatile silicone emulsions used in various personal care applications. These emulsions offer excellent aesthetics, stability, and are suitable for clear formulations.

Product Specifications*

Name	INCI Name	Appearance	Viscosity	Active Content	D4 Content
Andisil® SE 500	Cyclopentasiloxane (and) TMP Dimethicone	Translucent to hazy, slightly amber liquid. Slight sediment possible.	20 cSt	12.5%	< 0.1%
Andisil® SE 500C	Cyclopentasiloxane (and) TMP Dimethicone		1600 cSt	50%	< 0.1%
Andisil® SE 2300	Dimethicone (and) TMP Dimethicone		20 cSt	12.5%	< 0.1%
Andisil® SE 2300C	Dimethicone (and) TMP Dimethicone		900 cSt	50%	< 0.1%

* These properties are not intended to be used as specifications but only as suggested characteristics

SKIN CARE

Applications	Benefits
<ul style="list-style-type: none"> • Antiperspirant / Deodorant • Creams • Color Cosmetics • Lotions • Serums 	<ul style="list-style-type: none"> • Sun Care • Shaving • PEG free formulation • Cushion • Emulsifiers • Film Forming Properties • Moisturizing • Organic Compatibility • Skin Protectant • Wash Off Resistance • Water Repellency • Wetting Agent

Application Recommendations

Name	
Andisil® SE 500	Recommended for W/O emulsions; reduces tackiness and greasiness in sun care and skin care formulations
Andisil® SE 500C	Recommended for W/O and W/S emulsions; concentrated emulsifier used in creams, lotions, and sun care
Andisil® SE 2300	Recommended as a cyclic free emulsifier for W/O cream and lotion formulations and sun care protection; provides excellent stability and organic compatibility
Andisil® SE 2300C	Cyclic free emulsifier for W/O and W/S emulsions

HAIR CARE

Applications	Benefits
<ul style="list-style-type: none"> • Shampoo • Conditioner (leave in) • Styling Treatment 	<ul style="list-style-type: none"> • PEG free formulation • Conditioning • Emulsifier • Soft/supple feel • Surface tension reducer

Beauty.

In the hands of the formulator



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(continued)

Storage & Shelf Life

The shelf life, when the container is stored unopened and under proper conditions at room temperature, is expected to be a minimum of twelve months.

Packaging

Andisil® Silicone Emulsifiers for personal care packaging options are available upon request.

For additional information on the product, please contact your Sales Representative.

We believe that the information shown in this Product Bulletin to be an accurate description of the typical characteristics and/or uses of the product. Any suggestions of uses are not to be taken as an inducement to infringe any particular domestic or foreign patent. We recommend that the product be thoroughly tested for a specific application to determine the performance, efficacy and its safe handling and use.

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In the hands of the
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