



# Reference Formula

Sample preparation date: YYYY/MM/ZZ

## 5373 水霧噴噴乳液

EP-SC-LOW-0084A\_V1

Description:

### **DOWSIL™ ES-5373 Emulsifier Aid**

Capable of forming low-viscosity emulsions, allowing lotions to be transformed into sprayable formulations.

### **ACULYN™ 22 Polymer**

Excellent shear and salt resistance. It rapidly thickens upon neutralization to a specific pH, providing outstanding thickening performance and enhancing emulsion stability.

### FORMULA

Phase	Ingredient (Trade Name)	Ingredient (INCI Name)	% By Weight	Function
O1	<b>DOWSIL™ ES-5373 Emulsifier Aid</b>	<b>PEG-12 Dimethicone</b>	<b>1.00%</b>	Emulsifier
	<b>WILFARESTER MCT</b>	<b>Caprylic/Capric Triglyceride</b>	<b>4.00%</b>	Skin feel modi fiers
	<b>XIAMETERTM PMX-200 Silicone Fluid, 2 cSt</b>	<b>Dimethicone</b>	<b>13.00%</b>	Skin feel modi fiers
W1	D.I Water	Water	Up to 100%	
	<b>DOWSIL™ HMW2220 Non- Ionic Emulsion</b>	<b>Divinyldimethicone/ Dimethicone Copolymer (and) C12-13 Alketh-23 (and) C12-13 Alketh -3</b>	<b>2.00%</b>	Skin feel modi fiers
A	<b>ACULYN™ 22 Polymer</b>	<b>Acrylates/Steareth-20 Methacrylate Copolymer</b>	<b>2.00%</b>	Thickener(Aqu eous)
	D.I Water	Water	10.00%	
B	TEA (99%)	Triethanolamine	q.s	Neutralizer
C	<b>Sharomix™ EG10</b>	<b>Ethylhexylglycerin, Phenoxyethanol</b>	<b>0.5%</b>	Preservative

### PROCEDURE

1. Prepare the O1 phase and the W1 phase.
2. Slowly add the W1 phase into the O1 phase under stirring.

Recommendations contained, herein this Reference Formula, are advisory only.

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3. Add component A and adjust the pH to 7.
4. Finally, add C

## SPECIFICATION

APPEARANCE	: White Lotion	
VISCOSITY	: approx. $\pm 10\%$	(RVDV-E, RV5, rpm, 3 min, 25°C)
pH	: approx. $6.7 \pm 0.1$	(25°C)

*The information given in this publication is based on our current knowledge and experience and maybe used at your discretion and risk. It does not relieve you from carrying out your own precautions and tests. We do not assume any liability in connection with your product or its use. You must comply with all applicable laws and regulations and observe all third party rights.*

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