



## Erase the Day

Wash away your stress, and every trace of your make up, with this moisturizing cleansing gel. It leaves you fresh faced without a greasy feel because you're most comfortable in your own skin.



### **dl- $\alpha$ -Tocopherol**

Vitamin E has proven antioxidant effects, enhances moisturization, and strengthens the skin barrier.



### **Miracare® OGE**

Highly efficient emulsifier for creating transparent, high internal phase oil-in-polyol emulsions.

### **Mackaderm® LIA**

A soft touch emollient with a high spreadability and fast absorption on the skin; silicone alternative.



### **SustOleo™ MCT**

A clear, palm-free, natural emollient with an elegant after-feel and medium spreading. Solubilizes UV filters and disperses inorganic UV filters and pigments.

### **SustOleo™ DCS**

A palm-free, natural emollient with a light cushion and silky after-feel. Solubilizes UV filters and disperses inorganic UV filters and pigments.

### **LexFeel™ WOW DT**

100% plant-based, ultra light, fast spreading, partially volatile alternative for silicones with a unique silky-to-powdery after-feel.



### **Clean Saver (PD)**

A plant compound composed of three different extracts, known for reducing sebum and therefore acne, plus anti-inflammatory and anti-oxidant properties.

Univar Solutions offers this suggested formulation as a representative formulation only. See the back cover or [univarsolutions.com](http://univarsolutions.com) for important cautions.

## Erase the Day

PHASE	INGREDIENT	WT%	TRADE NAME	SUPPLIER
A	Glycerin	16.00	Glycerin USP 99.7%	Univar Solutions/ Various
	Sorbitol	4.00	Sorbitol Crystalline Powder	Univar Solutions/ ADM
B	Cetyl Betaine (and) Propylene Glycol (and) Hydroxypropyl Guar	5.00	Miracare® OGE	Univar Solutions/ Solvay
	Water (and) Propanediol (and) <i>Sophora flavescens</i> Root Extract (and) <i>Psoralea corylifolia</i> Fruit Extract (and) <i>Platycarya strobilacea</i> Extract	2.00	Clean Saver (PD)	Univar Solutions/ The Art of Natural Solution
C	<i>Hamamelis virginiana</i> (Witch Hazel) Water (and) Alcohol	5.08	Distilled Witch Hazel	Univar Solutions/ American Distilling
	C13-16 Isoparaffin (and) Heptyl Undecylenate	6.65	LexFeel™ WOW DT	Univar Solutions/ Inolex
	Triheptanoin	4.65	SustOleo™ MCT	Univar Solutions/ Inolex
D	Heptyl Undecylenate	23.26	LexFeel™ Natural	Univar Solutions/ Inolex
	Diisooctyl Succinate	14.33	SustOleo™ DCS	Univar Solutions/ Inolex
	Isoamyl Laurate	16.75	Mackaderm® LIA	Univar Solutions/ Solvay
	Tocopherol	0.19	dl- $\alpha$ -Tocopherol	Univar Solutions/ DSM
	<i>Cocos nucifera</i> (Coconut) Oil	1.86	Coconut Oil	Univar Solutions/ Cargill
	Fragrance	0.23	Calamansi Lime (CF0030774)	Clarity Fragrances
<b>Total:</b>		100		

### PROCEDURE

- Combine phase A ingredients and begin heating up to 100°C with mixing.
- Once phase A is clear, turn off heat and cool to 60°C. Add phase B ingredients sequentially with mixing.
- Combine phase D ingredients and mix.
- Measure the refractive index (RI) of all three phases (AB, C, D) at the same temperature (~20–22°C):  $RI_A$ ,  $RI_B$ ,  $RI_C$ .
- Calculate amount of witch

hazel needed (%C) to match refractive index of ABC to refractive index of D:

$$\%C = \%AB \times \frac{RI_D - RI_{AB}}{RI_C - RI_D}$$

Note:  $\%AB=27$

- Add phase C to phase AB and mix to form ABC. Measure refractive index of ABC:  $RI_{ABC}=RI_D$ .
- Calculate amount of phase D(%D) to q.s. 100%  
 $\%D = 100 - \%AB - \%C$
- Slowly add phase D to ABC with vigorous mixing to form a gel.

### INSTRUCTIONS FOR USE

- Rub product on skin using the fingers, dissolving and lifting away dirt and makeup.
- Rinse with water.
- May also be used to clean makeup brushes, applying small amount to brush and gently rubbing to dissolve and lift away dirt and clumps.
- Rinse with water

### PROPERTIES

- Brookfield viscosity:**  
158,000 cP (T-F, 0.5 rpm, 25°C)
- Brookfield viscosity:**  
40,800 cP (T-F, 5 rpm, 25°C)
- Brookfield viscosity:**  
17,700 cP (T-F, 20 rpm, 25°C)