



EMULSIPURE® RTE

INCI: Glyceryl Stearate (and) Cetearyl Alcohol (and) Sodium Olivatate (and) Inulin

ALL NATURAL

**ROOM TEMPERATURE
PROCESSABLE
EMULSIFIER**

PRODUCT FEATURES:

- 100% vegetable derived Room Temperature Processable oil-in-water emulsifier
- Multi-functional: O/W Emulsifier, thickener and stabilizer
- Energy cost-saver as well a manufacturing and production time-saver.
- Probiotic: Promotes healthy



NATURAL

Probiotic. Promotes healthy skin microbiome

- Excellent skin feel and high moisturization
- Promotes liquid crystal emulsion
- Biodegradable



Self Foaming Clay Mask using Emulsipure® RTE Room Temperature Processable

Formula #: RTE - SFCM - 001

Item	Raw Materials	Supplier	INCI Name	% (Wt)
1	Deionized Water		Water	53.0000
2	Veegum Ultra		Magnesium Aluminum Silicate	1.0000
3	EmulsiPure® RTE	AE Chemie	Glyceryl Stearate (and) Cetearyl Alcohol (and) Sodium Olivatate (and) Inulin	2.0000
4	iQuat Guar Clear NT500		Guar Hydroxypropyl Trimonium Chloride	0.1000
5	Bikira® Sunflower Oil	AE Chemie	Helianthus Annuus (Sunflower) Seed Oil	1.0000
6	Keltrol CG		Xanthan Gum	0.4000
7	TiO2 3328 USP		Titanium Dioxide	1.5000
8	AE Preserve PCG®	AE Chemie	PhenethylAlcohol, CaprylHydroxamic Acid, Glycerin	1.0000
9	Gel White (Montmorillonite)		Bentonite	3.0000
10	Kaolin 2457		Kaolin	2.0000

11	AE CosmoFluor # 61	AE Chemie	Methyl Perfluorobutyl Ether and Methyl Perfluoroisobutyl Ether	10.0000
12	Amphotensid B5	AE Chemie	Cocamidopropyl Betaine	20.0000
13	AECOSOLV® Sunflower (Un-neutralized)	AE Chemie	Sodium Sunflowerseedate	5.0000
				100.0000

Procedure:

1. Charge Item # 1 in main vessel.
2. Sprinkle Item # 2 in Item #1 while mixing until fully dispersed.
3. Add Item # 3 to the main vessel, mix until bulk is homogeneous and smooth.
4. In a side vessel, premix Items #4, 5 and 6 then add to main vessel while mixing.
5. Add Items # 7-11 to the main vessel one at a time while mixing.
6. Switch to homogenizer until smooth and homogeneous.
7. Switch to propeller mixing at moderate speed, then add Items # 12 and #13 until smooth and homogeneous

Properties:

Appearance: Opaque, self-foaming,

semi-viscous pH (as is): 6.5

Viscosity @ 20rpm, Spindle #5 at 25C: 5,600 cps





Beauty expressed through nature...

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AE Chemie, Inc.

13920 South Figueroa Street

Los Angeles, California 90061

(310) 523-2888

www.aechemie.com

[Contact Us](#)

