

**US20127** 

# **Blow Off Steam Scrub**





O/W Emulsion

The combination of Sepimax Zen, Solagum AX and Montanov L allow to make a stable O/W emulsion with 20.00% salt as a scrub.

Formula		
А	Water	61.30%
А	Glycerin	3.00%
A	Benzyl alcohol & Benzoic acid & Dehydroacetic acid & Tocopherol	1.00%
В	NaOH solution qs to 5-5.5	q.s.
С	MONTANOV™ L	3.00%
С	EMOSMART™ V 21	8.00%
С	DUB ESTOLINE®*	1.50%
D	SEPIMAX <sup>TM</sup> ZEN	1.50%
D	SOLAGUM™AX	0.50%
Е	MICRO ALGUE 80	10.00%
Е	SEL GRAIN™	10.00%
E	Fragrance	0.20%

## **Procedure**

Combine phase A and adjust pH with phase B and heat to 85C. Combine phase C and heat to 85C and add phase D and mix well. Combine phase AB and CD and homogenize for 4 minutes at 4,000 rpm. Cool down to 50C and add phase E.



#### AT92501-1910

# **Characteristics**

Appearance Nice scrub feel nH 5 64

Viscosity 1M at RT
Viscosity 1M at 45°C
284 e3 Brookfield LV spindle 96; 2.0 rpm
251 e3 Brookfield LV spindle 96; 2.0 rpm

Viscosity recovery at RT 371 e3 Brookfield LV spindle 96; 2.0 rpm (after 1M at 45°C)

F/T 3 Cycle -5/40C Passed 45C stability 3M.

All information contained herein is intended merely to demonstrate the utility of SEPPIC products, and should not be construed as granting license to practice any compositions or methods covered by a patent or a patent application. All information contained in this specific technical documentation is believed to be accurate and has been set up by SEPPIC according to its own described methods and processes. SEPPIC however does not assume any liability or risks involved in the use of its products for the preparation and the assessment of the hereinabove formulation since the condition of use are beyond its control. SEPPIC customer must insure that the duplication of the hereinabove formulation is not infringing any intellectual property rights and that it complies with any regulatory status.

Stability\*

# \* Our stability protocols are available at your request.

# Raw materials from SEPPIC

#### MONTANOV™ L

C14-22 alcohols and C12-20 alkyl Glucoside

Montanov L is a non-ionic, liquid crystal emulsifier which produces oil-in-water emulsions. Liquid crystal emulsifiers create a lamellar or bilayered structure that mimics the lipid bilayers in our stratum corneum, which may help actives or lipids from our lotions penetrate our skin easier.

#### EMOSMART™ V 21

C18-21 Alkane

Emosmart is a range of liquid emollients, readily biodegradable that offers a broad sensory pallete from nude skin to extra-comfortable afterfeel.

#### SEPIMAX<sup>TM</sup> ZEN

Polyacrylate Crosspolymer-6

Sepimax ZEN is the perfect polymer for building the "chassis" of formulations and addressing the challenge of stress-inducing and difficult active ingredients. It forms transparent gels with a velvety, rich and elegant feel. It is versatile and can be used in both skin care and hygiene products.

#### SOLAGUM<sup>™</sup> AX

Acacia Senegal Gum and Xanthan Gum

Solagum AX is a natural thickening-stabilizing texturizing polymer in the form of a non-dusty powder. It dissolves quickly in water to produce non-stringy and non-sticky aqueous gels. It is versatile and can be used in both skin care and hygiene products.

#### MICRO ALGUE 80

Diatomaceous earth

Its a water soluble product derived from the algae diatom. This natural soft exfoliant is respectful to the environment and its porous nature. It is preservative free and provides gentle and soft skin feel.

#### SEL GRAIN™

Sea Salt

Its a Sea Salt, used in massage applications on the body and to help reduce stress, exfoliate and revitalize the skin while also increasing metabolism and circulation of the scalp.

### Other raw materials...

Benzyl alcohol & Benzoic acid & Dehydroacetic acid & Tocopherol: Euxyl K 903 (Schulke)

Ethylhexyl polyhydroxystearate: DUB ESTOLINE® (Stearinerie Dubois)

Fragrance: "Intensity": Givaudan-Lavirotte

\*Distributed in the US by SEPPIC Inc.

