

## BENTONE HYDROLUXE™ 360

Emulsifying blend

### INCI NAME:

Glyceryl Stearate Citrate,  
Cetearyl Alcohol, Hectorite,  
Xanthan Gum, Glyceryl  
Behenate

### APPLICATION:

O/W Emulsions

- Suncare
- Skincare
- Color

### USE LEVEL:

5%

### SUSTAINABILITY CREDENTIALS:

- COSMOS compliant
- 100% naturally derived
- Vegan
- Sustainable palm

Unique chemistry,  
sustainable solutions

## BENTONE HYDROLUXE™ 360

### The natural, all-in-one clay-based O/W emulsifier and stabiliser.

Striving for a balance between naturality, great sensory experience and formulation stability has proven to be a challenge while formulating O/W emulsions. With BENTONE HYDROLUXE™ 360, we offer an all-in-one solution that solves your formulation challenge.

100% naturally derived and COSMOS compliant, BENTONE HYDROLUXE™ 360 is an all-in-one clay based emulsifying and stabilising additive for the creation of O/W emulsions. It imparts thixotropic viscosity, good suspension and heat stability to emulsions.

The balanced composition of mild emulsifying agents, consistency enhancers and natural stabilisers provide easy handling, low

development efforts and reliable results with high batch-to-batch consistency.

The Hectorite clay allows for the creation of stable emulsions with a light touch and pleasant skin feel. It offers a natural emulsion stabilising and thickening solution, which is easy to formulate with. It reduces the need for excessive amounts of emulsifiers, which can leave an unpleasant skin feel.

## Features and Benefits

### Excellent performance:

- Excellent thermostability against high and low temperature challenges
- Good suspension of pigments and actives

### Exceptional sensory:

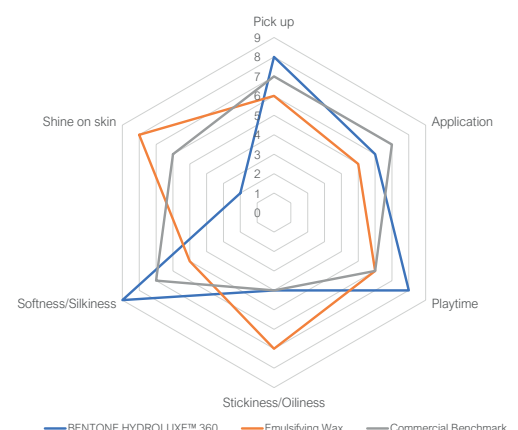
- Provides a soft sensory, smooth silky skin feel

### Formulation versatility:

- Optimised formulation stability
- From light fluid to rich velvet cream texture



## Sensory panel test



BENTONE HYDROLUXE™ 360 demonstrates exceptional sensory in comparison with Emulsifying Wax and a Commercial Benchmark.

*\*result based on 10 panelists*



100% NATURALLY  
DERIVED



CHINA CONFORM



VEGAN



SUSTAINABLE  
PALM

## BENTONE HYDROLUXE™ 360 Emulsifying blend

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#### NOTE:

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Graphic 2 Formulation stability test - BENTONE HYDROLUXE™ 360 vs Emulsifying Wax and Commercial Benchmark



## Formulation



### Soothing Serum

This light serum with Niacinamide and Hemp Seed Oil is suitable for all skin types. It applies smoothly, leaving the skin hydrated without greasy residues.



### Nourishing Night Cream

This nourishing night cream with a selection of regenerating ingredients applies soft and smooth, leaving the skin supple and moisturised.

| Phase A                                                                                                                              |       |
|--------------------------------------------------------------------------------------------------------------------------------------|-------|
| Deionised Water                                                                                                                      | 62.00 |
| <b>BENTONE HYDROLUXE™ 360</b> <sup>1</sup><br>Glyceryl Stearate Citrate, Cetearyl Alcohol, Hectorite, Xanthan Gum, Glyceryl Behenate | 5.00  |
| Glycerin                                                                                                                             | 5.00  |
| Niacinamide                                                                                                                          | 5.00  |
| PHASE B                                                                                                                              |       |
| Jeenchem NDA-LC (C9-12 Alkane) <sup>2</sup>                                                                                          | 20.00 |
| Cannabis Sativa (Hemp) Seed Oil                                                                                                      | 2.00  |
| PHASE C                                                                                                                              |       |
| Geogard 221 (Dehydroacetic Acid, Benzyl Alcohol) <sup>3</sup>                                                                        | 1.00  |
| PHASE D                                                                                                                              |       |

1 Elementis 2 Jeen International / Vantage 3 Arxada

| Phase A                                                                                                                              |       |
|--------------------------------------------------------------------------------------------------------------------------------------|-------|
| Deionised Water                                                                                                                      | 58.80 |
| Glycerin                                                                                                                             | 3.00  |
| Hyacare (Sodium Hyaluronate 1% solution in water) <sup>1</sup>                                                                       | 1.00  |
| Sun Croma C64-9393 (CI 60730 Violet No. 2 External D&C 1% solution in water) <sup>2</sup>                                            | 0.20  |
| PHASE B                                                                                                                              |       |
| Palmer 3595 (Caprylic/Capric Triglyceride) <sup>3</sup>                                                                              | 15.00 |
| Squalane                                                                                                                             | 6.00  |
| <b>BENTONE HYDROLUXE™ 360</b> <sup>4</sup><br>Glyceryl Stearate Citrate, Cetearyl Alcohol, Hectorite, Xanthan Gum, Glyceryl Behenate | 5.50  |
| Glycine Soja (Soybean) Oil                                                                                                           | 5.00  |
| Mangifera Indica (Mango) Seed Butter                                                                                                 | 2.50  |
| <b>MEADOWESTOLIDE®</b> (Meadowfoam Estolide) <sup>4</sup>                                                                            | 1.00  |
| PHASE C                                                                                                                              |       |
| Mangifera Indica (Mango) Seed Butter                                                                                                 | 1.00  |
| Geogard 221 (Dehydroacetic Acid, Benzyl Alcohol) <sup>5</sup>                                                                        | 1.00  |
| PHASE D                                                                                                                              |       |
| Citric Acid (10% solution in water)                                                                                                  | q.s.  |

1 Evonik 2 Sun Chemical 3 KLK Oleo 4 Elementis 5 Arxada