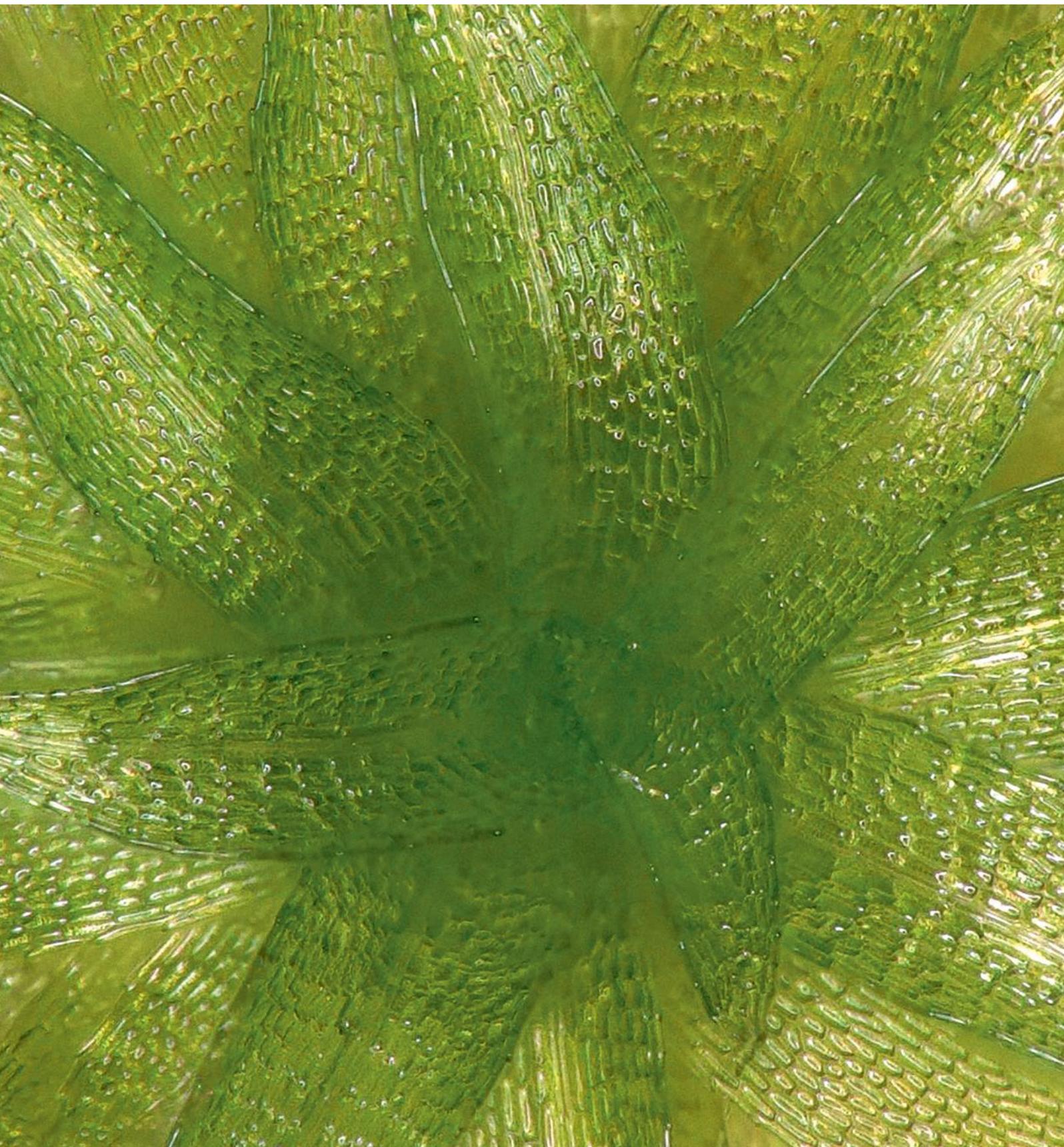




# MossCellTec™ No.1

## Enhances cell nucleus function for resilient skin



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### **Moss Tissue Culture to Improve Cell Nucleus Health and Fortify the Skin**

With MossCellTec™ No.1, Mibelle Biochemistry offers an anti-aging treatment that is based on a novel concept: cell nucleus health.

MossCellTec™ No.1 supports cell nucleus health by improving the expression of protein markers that:

- structure the nuclear envelope
- enable the efficient transport of molecules into and out of the nucleus.

Together, both allow for a proper communication between the nucleus and cytoplasm, which is essential for the cell functioning. However, they are impaired by aging. Therefore, preserving the cell nucleus health represents a novel strategy in the fight against aging.

MossCellTec™ No.1 has been developed from an extract of the cells of the *Physcomitrella patens* moss. It is the first active ingredient on the market that is based on biotechnologically produced moss which is obtained in a reproducible and sustainable way by tissue culture. Mosses are among the first land plants to conquer the earth. Their extremely high resilience to a changing environment makes them of considerable interest in regard to fortifying our skin.

In vitro and clinical studies have shown that MossCellTec™ No.1 helps the skin to adapt to fast climatic changes. This results in a significant increase in skin hydration, homogeneity and barrier function despite changing climatic conditions in just two weeks, as well as a reduction in wrinkle depth after just four weeks.

Therefore, by maintaining an efficient transport of the molecules into and out of the nucleus and by preserving the organization of the nuclear envelope, the communication inside the cell is optimized and cells can adapt more quickly to the ever-changing environment, making our skin more resilient.

### **MossCellTec™ No.1**

- Enables skin to adapt to environmental changes
- Improves skin moisture, even in stressful conditions
- Refines skin and creates a flawless complexion
- Maintains cell nucleus health to ensure youthful skin
- Strengthens skin resilience against urban aggressors

### **Applications**

- Anti-aging treatments
- Formulations for all types of weather
- Protection and repair formulas
- Moisturizing skin care

### **Formulating with MossCellTec™ No.1**

- Recommended use level: 2%
- Incorporation: For cold processes, dissolve MossCellTec™ No.1 into the aqueous phase. In hot/cold processes, add during the cooling phase below 40°C.
- Thermostability: Temperatures of up to 40°C for a short time will not affect the stability of MossCellTec™ No.1.

### **INCI (EU/PCPC) Declaration**

Phytol (and) Isomalt (and) Aqua/Water

### **Additional Information**

- Not preserved
- Alcohol-free