# Pieridae Beauty – Silken Barrier Peptide Cream (50 g Batch Spec Sheet)

## Product Summary

A lightweight gel-cream designed as the perfect companion to the Pieridae Argireline Youth Spot Serum. This moisturizer locks in hydration, reinforces the skin barrier, and enhances wrinkle-relaxing benefits. Formulated with Olivem 1000, squalane, jojoba oil, and shea butter for a silky finish, plus panthenol, aloe, and protein for soothing support. Fragrance-free and suitable for day or night use.

## Formula – 50 g Batch

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| --- | --- | --- | --- | --- |
| Phase | Ingredient | % w/w | Grams | Function |
| A | Distilled Water | 62.8 | 31.4 g | Solvent |
| A | Aloe Vera Juice | 10.0 | 5.0 g | Hydration, soothing |
| A | Glycerin (vegetable) | 3.0 | 1.5 g | Humectant |
| B | Olivem 1000 (Cetearyl Olivate, Sorbitan Olivate) | 6.0 | 3.0 g | Natural emulsifier, silky skin feel |
| B | Shea Butter (refined) | 5.0 | 2.5 g | Barrier support, creamy texture |
| B | Jojoba Oil | 5.0 | 2.5 g | Lightweight emollient, balances sebum |
| B | Olive Squalane | 3.0 | 1.5 g | Silky glide, barrier lipid mimic |
| C | Panthenol (powder) | 2.0 | 1.0 g | Soothing, barrier repair |
| C | Hydrolyzed Vegetable Protein (VegeKeratin) | 1.0 | 0.5 g | Strengthens skin barrier, protective |
| C | Allantoin | 0.2 | 0.1 g | Soothing, anti-irritant |
| C | Preservative (PE 9010) | 1.0 | 0.5 g | Preservation |
| D | Fragrance-free / Botanical Hydrosol (optional) | 1.0 | 0.5 g | Sensory touch |

## Manufacturing Instructions

1. Phase A – In sanitized beaker, add distilled water and aloe vera juice. Mix in glycerin. Heat to 75 °C.  
2. Phase B – In separate beaker, melt Olivem 1000, shea butter, jojoba oil, and squalane at 75 °C.  
3. Emulsify – Slowly add Phase B into Phase A with stick blender (high shear, short bursts) until uniform cream forms.  
4. Cool to <40 °C.  
5. Phase C – Add panthenol, protein, allantoin (pre-dissolved in warm water if needed), and preservative. Mix until uniform.  
6. Phase D – Add hydrosol or fragrance. Stir gently.  
7. Adjust pH to 5.0–5.5 with 10% NaOH or citric acid solution as needed.  
8. Transfer to airless jar or pump for packaging.

## Usage

Apply after Argireline Youth Spot Serum. Smooth a pea-sized amount over face and neck. Can be used morning and evening. For daytime, follow with sunscreen.

## Marketing Highlights

✨ Locks in the wrinkle-relaxing benefits of Argireline  
✨ Ceramide-mimicking squalane + jojoba balance the skin barrier  
✨ Aloe + panthenol calm and hydrate  
✨ Silky, lightweight texture for day or night use

## INCI Listing

Aqua, Aloe Barbadensis Leaf Juice, Glycerin, Cetearyl Olivate, Sorbitan Olivate, Butyrospermum Parkii (Shea) Butter, Simmondsia Chinensis (Jojoba) Seed Oil, Squalane, Panthenol, Hydrolyzed Vegetable Protein, Allantoin, Phenoxyethanol (and) Ethylhexylglycerin, [Optional: Rosa Damascena Flower Water or other hydrosol].