Pieridae Beauty — Curling Gel (Clear • Soft–Medium Hold) — SOP (Magnetic Stir)

Sepimax ZEN 0.8% + Acrylates Copolymer (powder) 1.8%. Target pH 6.0 (accept 5.8–6.2). Preservative: PE 9010 1.0%.

# Formula — 100 g

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| --- | --- | --- | --- |
| Phase | INCI / Ingredient | % w/w | g |
| A | Water (q.s.) | 83.45 | 83.45 |
| A | Glycerin | 3.00 | 3.00 |
| A | Aloe Juice | 5.00 | 5.00 |
| A | Panthenol | 2.00 | 2.00 |
| A | Sodium Hyaluronate (LMW) | 0.15 | 0.15 |
| A | Honeyquat PF | 2.00 | 2.00 |
| A | Polyquaternium-7 | 0.50 | 0.50 |
| B | Sepimax ZEN | 0.80 | 0.80 |
| B | Acrylates Copolymer (powder) | 1.80 | 1.80 |
| C | PE 9010 | 1.00 | 1.00 |
| C | Fragrance (opt.) | 0.30 | 0.30 |

# Mag Stir Parameters

Beaker 250–400 mL; PTFE bar 30–50% dia; 150–250 rpm; shallow vortex <5–8 mm; ≤32 °C.

# Process

Build Phase A at ~200 rpm → dust-in ZEN 10–15 min → drizzle/slurry in Acrylates Copolymer 5–8 min → add PE 9010 → pH to ~6.0 (10% L‑Arginine up / 10% Citric down) → de‑bubble 10–15 min → rest 24 h.