Pieridae Beauty – Gentle Creamy Body Wash

A luxurious, pearlized creamy body wash designed for sensitive and dry skin. Formulated with mild surfactants, soothing aloe, colloidal oatmeal, and panthenol. Enhanced with Glycol Distearate for a rich pearly appearance and silky after-feel. pH balanced to 5.0–5.4 for skin comfort.

# Formula – 100 g Lab Batch

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| Phase | Ingredient | % w/w | Grams | Function |
| A | Distilled Water | 42 | 42 g | Base solvent |
| A | Aloe Vera Juice (1X) | 10 | 10 g | Soothing, hydrating |
| A | Glycerin | 4 | 4 g | Humectant |
| A | Colloidal Oatmeal | 1 | 1 g | Soothing, skin protectant |
| B | Sodium Cocoyl Isethionate (SCI) | 12 | 12 g | Gentle anionic surfactant |
| B | Cocamidopropyl Betaine | 10 | 10 g | Foam booster, amphoteric surfactant |
| B | Sodium Lauroyl Lactylate (or Sodium Cocoyl Glutamate) | 6 | 6 g | Mild anionic, creamy foam |
| C | Glycol Distearate (EGDS) | 2 | 2 g | Pearlizer, opacifier, emollient |
| C | Cetyl Alcohol | 2 | 2 g | Thickener, creaminess |
| D | Panthenol | 2 | 2 g | Pro-vitamin B5, soothing |
| D | Preservative (PE 9010) | 1 | 1 g | Broad-spectrum preservative |
| D | Fragrance / Essential Oil | 0.5 | 0.5 g | Scent |
| D | Citric Acid (10% solution) | q.s. | – | pH adjuster (to 5.0–5.4) |

# Manufacturing Process

1. Phase A – In beaker, combine distilled water, aloe juice, and glycerin. Sprinkle colloidal oatmeal slowly while stirring until hydrated.
2. Phase B – In separate vessel, combine SCI, Cocamidopropyl Betaine, and Sodium Lauroyl Lactylate with a small portion of water. Heat gently (70 °C) until SCI softens/dissolves with low foam stirring.
3. Phase C – Melt Glycol Distearate and Cetyl Alcohol at ~70 °C. Add to Phase B and mix until uniform.
4. Combine – Slowly add Phase A into Phase B/C with stirring. Blend until homogeneous.
5. Cool mixture to <40 °C.
6. Add Phase D ingredients (Panthenol, preservative, fragrance).
7. Adjust pH to 5.0–5.4 with citric acid solution.
8. Package in pump or squeeze bottles.

# INCI Listing

Water, Aloe Barbadensis Leaf Juice, Glycerin, Avena Sativa (Oat) Kernel Flour, Sodium Cocoyl Isethionate, Cocamidopropyl Betaine, Sodium Lauroyl Lactylate, Glycol Distearate, Cetyl Alcohol, Panthenol, Phenoxyethanol (and) Ethylhexylglycerin, Fragrance, Citric Acid.

# Marketing & Claims

Indulge in a creamy, pearlized body wash that gently cleanses while nourishing the skin. Infused with aloe, oatmeal, and panthenol, this sulfate-free formula creates a rich lather that soothes dryness and leaves skin feeling soft, smooth, and comforted. The luxurious pearly texture enhances the bathing experience, making every wash feel like self-care.

# How to Use

Apply a small amount to wet skin, lather, and rinse thoroughly. Suitable for daily use. For external use only. Avoid direct contact with eyes.