

A luxurious, innovative microdispersion of shea butter with enhanced performance and aesthetics



HEDI® Shea Butter E/DU



an excellent emollient and skin conditioner

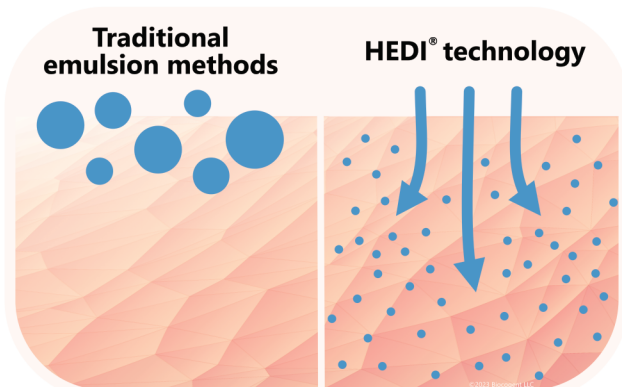
impeccable aesthetics

enables cold process manufacturing

HEDI® Shea Butter E/DU is a unique water-based microdispersion of shea butter with dimethicone, urea, and vitamin E. HEDI Shea Butter E/DU is an excellent emollient, conditioner, and moisturizer that revitalizes dull, dry skin and promotes skin renewal. Dimethicone is a skin protectant when formulated at levels of 5% or greater, while urea provides humectancy and helps to condition the skin. Vitamin E shields the skin from oxidation and free radicals. USP dimethicone enables OTC Skin Protectant claims when formulating with HEDI Shea Butter E/DU at concentrations $\geq 5\%$.

HEDI products are stable ingredient blends of aqueous and oil-based materials made using a unique manufacturing process to generate ultra-concentrated homogeneous constructs that are infinitely dilutable in aqueous systems. HEDI ingredients have superior aesthetics while simplifying formulation and manufacturing processes and enhancing the delivery of active ingredients in the formula.

HEDI products can be adjusted to achieve a milk-like (pourable and even sprayable), creamy, or paste-like consistency. Tactile properties can be light and silky or velvety and more occlusive. The use of HEDI ingredients streamlines manufacturing processes for time, energy, and cost savings by avoiding additional heating, melting, and mixing steps. HEDI products are amenable to cold processes and do not require surfactants or emulsifiers. With properties similar to the skin barrier, HEDI promotes skin permeability and facilitates delivery through the lipid-rich, waterproof stratum corneum. Finished products have a better feel and provide superior surface coverage than traditionally formulated butters and oils.



HEDI® products promote skin permeability for improved delivery of active ingredients in the formula, acting as a vehicle for actives to distribute and maintain them throughout the epidermis to enhance their beneficial effects.

HEDI® ingredients streamline manufacturing

- No need to heat & melt butter → **Time & energy savings**
- Fewer mixing steps → **Faster batching**
- No need for surfactants or emulsifiers → **Simpler formulation**

With HEDI®, Biocogent does the work to save you time & money

HEDI® Shea Butter E/DU

Product ID – R10028

Suggested Use Level – 1%-20%

Water (and) Dimethicone (and) Butyrospermum Parkii (Shea Butter) Extract (and) Phospholipids (and) Urea (and) Tocopheryl Acetate