



GREEN LINE

NEW

Imbue™

NOURISHING MICROEMULSION BASE

WHAT IT IS—

Green Line's Imbue™ products serve as a base for microemulsions, which formulators can use to create advanced cosmetic products of superior quality and stability. The Imbue™ products act as a delivery system for oils such as safflower, shea, and coconut. It is ideal for **sprayable milks, serums, wet wipe solutions, light lotions, rich creams, and hair products.**

Key Attributes:

- o 100% natural and bio-based
- o Can increase skin penetration and the efficacy of actives
- o Boosts solubility of fragrances
- o Extremely stable formulation
- o EWG range of 1

WHAT IT DOES—

Imbue™ products maintain system transparency at lower use levels, although they can be used up to 50% of the formulation. These products are **instantly dispersable** in water, and do not require the heating and high shear during process that other emulsions do.

SPECIALIZED PRODUCTS —

Imbue SF - delivers safflower oil rich in linoleic and oleic acid and ideal for face and body.

Imbue SN - delivers sunflower oil rich in vitamin E and ideal for face and body.

Imbue Shea - delivers intense moisturization through shea oil and ideal for face and body.

Imbue DP - delivers pumpkin, jojoba, and safflower oil making it ideal for hair and scalp, and body.

Imbue JO - delivers jojoba oil which helps to improve skin health and ideal for face, hair and body.

Imbue TEC - delivers triethyl citrate which is ideal for natural deodorant formulations.

Imbue Coconut - delivers coconut oil which is ideal for face, body, and hair and scalp.

NOURISHING MICROEMULSION

KEY BENEFITS—

- Boost solubility of actives
- Melts at body temperature
- Suitable for baby products
- Excellent Skin Compatibility

PRODUCT DETAILS—

PROPERTIES

ANALYSIS	SPECIFICATION	TEST METHOD
Appearance	Colorless to Amber Liquid	Visual
Odor	Characteristic	Organoleptic
pH	7.0-8.0	Direct
Specific Gravity	0.900-1.100	U.S. Standard Cup
Solubility	Water Dispersable	Direct
Microbiology-TAPC	<100	PCPC
Microbiology-Pathogens	Negative	PCPC
Viscosity (cP)	200-1200	Brookfield DV-1

SHELF LIFE— 12 months

PACKAGING— 5 kg & 18 kg pail or 180 kg drum

RECOMMENDATION

Use Level: 3.0-50%

pH Range: 4.0-7.0

Procedure:

Add **Imbue™** to the water phase and incorporate by mixing (cold process, no heat necessary)



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