



Bee's Milk (Beeswax Dispersion)

Bee's Milk is an all-natural dispersion of Beeswax in water. Bee's Milk makes it possible to 'Cold Formulate'. A formulator is able to obtain the benefits of beeswax in a formulation without having to use heat. The lipid composition in the Bee's Milk closely mimics the natural lipid composition of the skin, making Bee's Milk an ideal emollient. It is stable and highly compatible with most surfactants and other compounds of high ionic strength.

Applications:

Skin Care Formulations, Sun Care, Shampoos, Conditioners; Sprays, Pumps, and Aerosols; Pads and Pre-moistened Towellettes; **Leather**.

Advantages:

Bee's Milk is very easy to work with. It is dispersible in water, glycol, and alcohol and provides the opportunity to cold formulate. Bee's Milk is a highly stable emollient, film former, and opacifier.

Regulatory:

Bee's Milk

INCI Name: Beeswax, Sesamum Indicum (Sesame) Seed Oil, Lecithin, Methylparaben

CAS#: 8012-89-3, 8008-74-0, 8002-43-5, 99-76-3

Bee's Milk Paraben Free

INCI Name: Beeswax, Sesamum Indicum (Sesame) Seed Oil, Lecithin, Sorbitan Stearate, Caprylyl Glycol, Phenoxyethanol, Hexylene Glycol

CAS#: 8012-89-3, 8008-74-0, 8002-43-5, 1338-41-6, 1117-86-8, 122-99-6, 107-41-5

| Wax# | Wax Name | % Solids | pH | Specific Gravity | Particle Size | Pathogens | Appearance |
|----------|---|----------|-----------|------------------|---------------|-----------|--------------------|
| 138, 437 | Bee's Milk, Bee's Milk Paraben Free | 17 - 27 | 4.5 - 6.0 | 0.97 - 1.03 | <1000nm | Free | TMS, Opaque Liquid |
| 190, 382 | Carnauba Milk, Carnauba Milk Paraben Free | 27 - 30 | 2.0 - 7.0 | 0.97 - 1.1 | <500nm | Free | TMS, Opaque Liquid |

Specific waxes that are most appropriate for this category have been highlighted here