

GreenSolv™ 168 MB

Natural Solubilization



INCI: Caprylyl/Capryl Glucoside, Polyglyceryl-10 Laurate, Water, Glycerin, Polyglyceryl-10 Oleate

Product Description

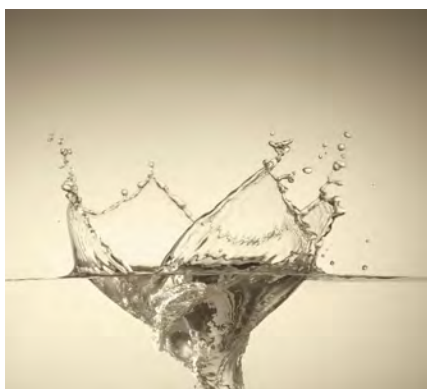
GreenSolv™ 168 MB is a natural solubilizer that can efficiently solubilize oils into a formulation's water phase. It handles even the trickiest essential oils and fragrances with ease, even at low amounts, while maintaining clarity. It is a powerful alternative to synthetic solubilizers, making it an eco-friendly choice for your products.



COSMOS
APPROVED

Key Attributes:

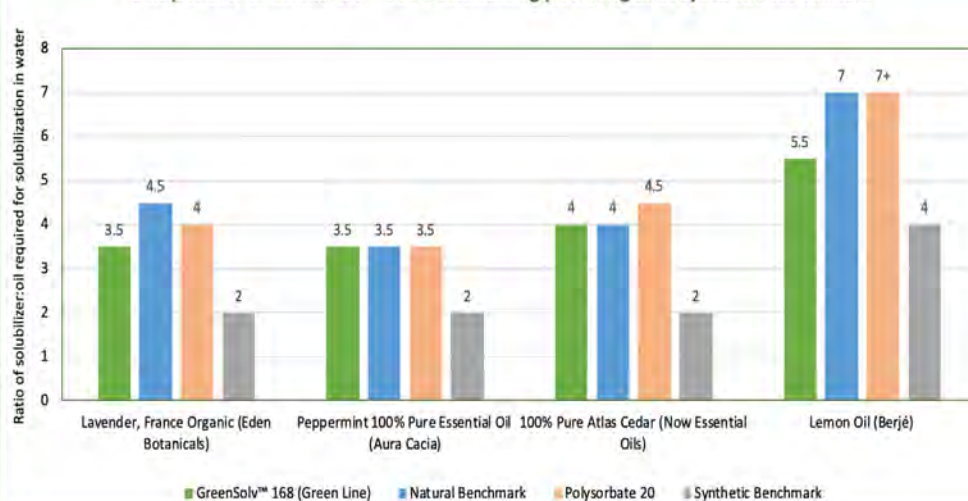
- 100% Biobased
- Vegan
- Gluten-free
- PEG-free
- Can be used in Clear Systems



Product Function

GreenSolv™ 168 MB is the ultimate solution for solubilizing high levels of oils into emulsions and aqueous systems, transforming your cosmetic and personal care formulations. Its versatile nature makes it perfect for a wide range of products like water-based air fresheners, emulsion-based haircare, toners, and surfactant-based cleansing products. GreenSolv™ 168 MB has hydrophilic properties that provide a delightful feel on the skin and its effects are best observed at a 3:1 ratio of solubilizer to oil.

Comparison of GreenSolv™ 168's solubilizing power against synthetic solubilizers



Solubilizing Power

GreenSolv™ 168 MB is able to perform better than many synthetic solubilizers, achieving solubilization of various essential oils and fragrances at lower ratios of solubilizer to oil. This is true even with the tough to solubilize citrus oils.

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WHAT IT'S IDEAL FOR

GreenSolv™ 168 MB is ideal for:



Fragrances



Essential Oils

Formulation Tips

- 3:1 ratio of solubilizer to oil works best in most cases
- Avoid strong cationic emulsifiers
- High glycerin levels can cloud formula

PRODUCT DETAILS

PROPERTIES:

ANALYSIS	SPECIFICATION	TEST METHOD
Appearance	Viscous flowable clear liquid	Visual
Odor	Characteristic	Organoleptic
pH	6.0-7.0	Direct
Refractive Index	1.300-1.500	Refractometer
Solubility	Water Dispersable	Direct
Microbiology-TAPC	<100	PCPC
Microbiology-Pathogens	Negative	PCPC
Microbiology-TMYC	<100	PCPC

SHELF LIFE: 12 months

PACKAGING: 18 kg pail or 180 kg drum

RECOMMENDATION:

USE LEVEL: 1:1 to 5:1

pH RANGE: <8.0

PROCEDURE:

Pre-blend GreenSolv™ 168 MB with oils to be solubilized and add to water phase. Incorporate by mixing.