

Bulletin 2 Florasolvs, PEG-16 Macadamia

Product Information



The use of Macadamia (*Macadamia integrifolia*) nut oil in personal care and cosmetic industry is not a relatively new concept. In fact, it's superior oxidative stability if compared to other botanical oil combined with its exceptional emollient properties, elegant skin feel and consumer appeal, makes macadamia nut oil an excellent choice for a range of skin care treatment as well as cosmetics products.

PEG-16 Macadamia Glycerides (PEG-16 Mac) is derived from a renewable resource, contains no animal-based materials, water-soluble and oil dispersible emollient leaves skin feeling smooth, soft and conditions hair. Toxicology tests have shown that the product is safe for use in cosmetic and personal care products.

Properties

What makes PEG-16 Mac different from other surfactant?



PEG-16 Mac is derived from the unique Hawaiian Macadamia oil. The high level of monosaturates (more than 80%) present in Hawaiian Macadamia Nut Oil contributes to the exceptionally long shelf life for products in which it is used.



is nonionic surfactant and provides flexibility of formulation



stable in mild acid and alkali as well as in the presence of electrolytes



It does not react with other nonionic emulsifier or with ionic emulsifier.

Uses



Best suited for clear, aqueous-based products such as gels (shower gels, after sun gels, glitter gels and bronzers) and hair care products (hair gels), allowing for many color addition options.



Ideally suited for cleansing gel, facial wipes, water washable massage and beauty oils, baby care products and shampoo thanks to the mildness cleansing properties of PEG-16 Mac



Perform fantastically in tub products such as bath bombs and melts. They release in water fantastic, soften the water, moisturize and no grease on the skin and tub.

Functions/Claims

1. Natural and superior oxidative stability
2. Generally recognized as safe (G.R.A.S) for human use globally
3. Emollient
4. Secondary Emulsifier/ Solubiliser
5. Spreading (dispersing) agent
6. Conditioner
7. Re-fatting agent
8. Moisturize and no grease on the skin and tub
9. Able to prolong the shelf life of the products
10. Elegant Skin Feel



Application

- | | |
|--|---|
|  Clear aqueous gel |  Deodorant sprays/ roll-on deodorant |
|  Baby care products |  Toner |
|  Body/Hair Shampoo |  Facial Cleansing gel |
|  Washable facial cleansing oil/massage oils |  Facial/Foot Mist |
|  Perfumed body moisturizer |  Facial cleansing milk |
|  Hairsprays |  Cream/Lotion |
|  Hand sanitizers |  Make up remover |

Formulation

1. Clear Facial Cleansing Gel
2. Gentle Shampoo
3. Moisturizing glitter gel
4. Toner (CA/TO/001/06)
5. Baby Shampoo (CA/BS/002/06)
6. Sprayable Foot Mist (CA/FM/002/06)
7. Hair Spray (CA/HS/001/06)
8. Roll-on deodorant (CA/DEO/003/06)
9. Biphasic Facial Cleanser (CA/BFC/002/06)
10. After Shower Body Splash
11. FloraSunscreen
12. Luxurious Spray On Lotion
13. Vitamin E Natural Cleansing Oil Gel
14. Shaving Oil For Men
15. Jojoba and Macadamia Shine and Conditioning Shampoo
16. Make Up Remover Water (CA/MR/001/07)



Please try our formulas and feel the difference for yourself or simply call us for even more formulas!

Contact Us Today!

Whether it is a sales enquiry or a sample request kindly contact us right away:

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