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SWEET ALMOND OIL NF

INCI: PRUNUS AMYGDALUS DULCIS (SWEET ALMOND) OIL

Benefits: Sweet Almond Oil is a natural, extremely versatile and effective emollient renowned for both its stability and high level (25-29%) of the skin nourishing Omega 6 version of the Essential Fatty Acid(EFA), Linoleic Acid. In use, the unsaturated (87-95%) triglycerides found in Sweet Almond

Oil provide moisturization with a refined and elegant feel that also helps stabilize clarity in your cold weather formulas. Studies show that dermal moisturization from Sweet Almond Oil's type of natural occlusivity and botanical EFAs decreases Transepidermal Water Loss (TEWL) in the stratum corneum for several days after application. The low odor and neutral taste of Sweet Almond Oil provides superior moisturization and feel to color cosmetics as well. These benefits also combine to make Sweet Almond Oil a preferred carrier in both the pharmaceutical and cosmetic industries. This is a defined, bleached, winterized and deodorized product.

Applications: Sweet Almond Oil's unique combination of natural stability and healthy moisturization is used throughout the skin care, color cosmetic, and pharmaceutical industries. In skin treatment formulations, Sweet Almond Oil naturally improves the moisturization and emolliency of lotions and sunscreens while providing the Omega 6 EFA, Linoleic acid. Sweet Almond Oil's inherent cold weather stability improves the clarity of bath oils, body oils, and massage oils subjected to low temperatures. In color cosmetics, Sweet Almond Oil's colorless, odorless and neutral taste provides an ideal moisturization to your lip, mascara, and pressed powder products. These benefits also combine to make Sweet Almond Oil an effective and reliable carrier in pharmaceutical preps.

Specifications:

APPEARANCE @ 25°C:	CLEAR LIQUID
COLOR:	PALE YELLOW
ODOR:	CHARACTERISTIC
SPECIFIC GRAVITY @ 25°C:	0.910 - 0.915
IODINE VALUE:	95 - 105
LESS THAN C16 (%):	MAX. 0.1
(%) C16:0	4.0-9.0
(%) C16:1	MAX. 0.8
(%) C17:0	MAX. 0.2
(%) C17:1	MAX. 0.2
(%) C18:0	MAX. 3.0
(%) C18:1	62.0 - 86.0
(%) C18:2	20.0 - 30.0
(%) C18:3	MAX. 0.4
(%) C20:0	MAX. 0.2
(%) C20:1	MAX. 0.3
(%) C22:0	MAX. 0.2
(%) C22:1	MAX. 0.1
(%) C24:0	MAX. 0.2
SAPONIFICATION VALUE:	190 - 200
ACID VALUE:	0.5 MAXIMUM
SESAME, COTTONSEED OIL:	NEGATIVE
FOREIGN KERNEL OILS:	NEGATIVE
MINERAL & FOREIGN FATTY OILS:	NEGATIVE
OLIVE, PEANUT OIL & OTHER REFINED OILS:	NEGATIVE
UNSATURIFIABLE MATTER, %	MAX. 0.9
PEROXIDE VALUE, meq/kg	MAX. 0.5



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Latest Revision Date: 3/13/2017