

# PREMIER SPECIALTIES

Premier Specialties, Inc. 236 Blackford Avenue, Middlesex, New Jersey 08846-2502

## ALMOND BUTTER



### PRODUCT NAME

PREMIER ALMOND  
BUTTER

### APPLICATION(S)

skin care  
hair & scalp  
treatment  
sun protection  
anti-aging

### COMPOSITION (INCI)

Butyrospermum  
Parkii (Shea) Butter  
(and) Prunus  
Amygdalus Dulcis  
(Sweet Almond) Oil

### ORIGIN

Plant

### CAS NUMBERS

91080-23-8  
8007-69-0

### USE LEVEL

0.5-10%

### SOLUBILITY

Oil

### PRODUCT CODE

Premier # 111310

### ALMOND BUTTER

Premier Almond Butter is obtained by cold pressing of the dried, shelled kernels of *Prunus Amygdalus dulcis*, commonly known as the sweet almond, a species of tree native to the Middle East and South Asia. Almonds seeds are comprised of as much as 60% oil, and are a rich source of essential fatty acids.

### WHY ALMOND BUTTER?

Almond Butter has a light, silky feel and spreads easily on the skin. It penetrates quickly leaving a velvety soft after-feel.

Like Almond Oil, Almond Butter contains a large fraction of unsaturated fatty acids and provides very similar benefits to the skin. It is an excellent emollient, protecting hair and skin from drying. The addition of shea butter further enhances its efficacy in protecting and conditioning both skin and hair.

Almond Butter is high in monounsaturated fats (oleic and linoleic acids), calcium, potassium, iron and manganese. Linoleic acid is an essential fatty acid that preserves membrane fluidity, cohesion of the epidermal barrier and prevents transepidermal water loss. It is essential to normal cell renewal and actively promotes healthier looking skin, protects and strengthens skin firmness and helps reduce eczema problems.

Almond Butter is an excellent source of vitamin E as well as antioxidant flavonoids and phenolics. In all, almonds contain 18 flavonoids and 3 phenolic acids. Studies indicate the greatest degree of cytoprotection by flavonoids against oxidative stress was found in myricetin, quercetin, catechin, epicatechin and kaempferol, the principal flavonoids in almonds.

### ACTIVITY OF ALMOND BUTTER

- ◆ Highly emollient and moisturizing
- ◆ Helps soothe and heal dry, cracked skin
- ◆ Protects dry, sensitive and sun-exposed skin
- ◆ Anti-oxidation/Free radical scavenger
- ◆ Luxurious skin feel and texture
- ◆ Conditioning
- ◆ Revitalizes dry, damaged hair, restoring shine and elasticity



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### TYPICAL PROPERTIES

Appearance	Pale yellow butter
Odor:	Neutral
Iodine Value (Wijs)	50 - 70
Saponification Value	185 – 197
Peroxide Value (meq/kg)	5.0 max.
Free Fatty Acid (% as oleic)	0.25 max.
Fatty Acid Profile:	Range %
Myristic, C14:0	0 - 1
Palmitic, C16:0	38 – 48
Palmitoleic, C16:1	0 – 1
Stearic, C18:0	2 – 7
Oleic, C18:1	40 – 60
Linoleic, C18:2	7 – 14

### REFERENCES

1. Wertz, PW and Downing,DT, Metabolism of linoleic acid in porcine epidermis. J Lipid Res. 1990 Oct 31(10):1839-44.
2. Wertz, PW et al., Effect of essential fatty acid deficiency on the epidermal sphingolipids of the rat. Biochim Biophys Acta. 1983 Oct 11; 753(3):350-5.
3. PE Mulbury et al., Determination of Flavonoids and Phenolics and Their Distribution in Almonds. J. Agric. Food Chem. 2006; 54: 5027-5033.

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