

ECOFLORES

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TECHNICAL SPECIFICATION - AVOCADO BUTTER

Product name	Avocado Butter
Product description	Cosmetic butter based on avocado oil with added hydrogenated vegetable oil and tocopherol.
INCI	Persea Gratissima Oil; Hydrogenated Vegetable Oil; Tocopherol

INCI INGREDIENT	CAS	EINECS	CONTENT
Persea Gratissima Oil	8024-32-6	232-428-0	80%
Hydrogenated Vegetable Oil	68334-28-1	269-820-6	19%
Tocopherol (Vitamin E)	59-02-9	200-412-2	1%

PARAMETER	SPECIFICATION
Melting point	50-60°C
Physical state	Solid - soft butter
Colour	Off-white to ivory
Odour	Odourless
Flash point	Above 280°C
Boiling point	Above 100°C
Solubility in water (20°C)	Insoluble
Palmitic acid C16:0, % (w/w)	15-32
Stearic acid C18:0, % (w/w)	16-30
Oleic acid C18:1, % (w/w)	35-55
Linoleic acid C18:2, % (w/w)	3-18
Palmitoleic acid C16:1, % (w/w)	≤ 5
Linolenic acid C18:3, % (w/w)	≤ 6
Iodine value, g I ₂ /100 g	50-70
Free fatty acids (as oleic acid), % (w/w)	≤ 2.0
Peroxide value, meq/kg	≤ 10
Saponification value, mg KOH/g	173-198

Storage	Store in tightly closed containers in a dry, cool, ventilated and dark place at temperatures below 20°C. Protect from heat, ignition sources and exposure to air.
Transport	Not subject to ADR/RID/IMDG/ICAO dangerous goods transport regulations. UN number: not applicable.
Shelf life	730 days (according to the Ecoflores technical specification dated 2021)
Intended use	Raw material for cosmetic and personal care products. Not intended for use in food, feed or pharmaceutical products.