

BioJelly

Specification Sheet

Description: Natural, biodegradable elastomer gel with enhanced compatibility with polar materials such as natural oils and organic sunscreens. Viscosity 100,000-300,000cP, non-volatile matter 61-67%.

CAS: 95912-86-0, 620-67-7, 8001-79-4, 112-40-3, 2378372-40-6

INCI Name: Coco-Caprylate/Caprate, Triheptanoin, C9-12 Alkane, Polyurethane-100

Composition: Coco-Caprylate/Caprate, Triheptanoin, C9-12 Alkane, Polyurethane-100

Appearance: Translucent gel

Benefits:

- Natural silicone substitute with soft moisturizing feel, great emolliency, and luminous appearance
- Offers unique sensory aesthetics and skin feel.
- Compatible with natural oils and various polar materials incl. sunscreens.
- Stable carrier for active ingredients.
- Can be formulated into oil-in-water or water-in-oil emulsions, anhydrous systems, and powders.
- Fully biodegradable, COSMOS approved, and USDA BioPreferred (ASTM D6866 C14).

Use: Add to oil phase of all emulsion types. Typical use level: 5-95%. Can also be used pure directly on the skin. For external use only.

Applications: Skin care, color cosmetics, body care, sun care, hair care.

Solubility: Oil-soluble

Preservation: Preservative-free

Storage: Store in a closed container at a dry place at room temperature. For long term storage, it is recommended to use glass packaging or co-extruded thick wall polyester, polyethylene terephthalate or phenolic type plastics when possible.

Country of Origin: USA

Raw material source: Vegetable oils, coconut oil



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Animal Testing: Not animal tested.

GMO: GMO-free

Vegan: Does not contain animal-derived components.

HS Code: 3208100000