

# Product Bulletin

## Elevance Soft CG-200

### Product Description

Versatile, 100% plant-based emollient

**INCI Name** (Proposed): Cocos Nucifera (Coconut) Oil (and) Hydrogenated Soy Polyglycerides

#### Features

- Soft, low melting gel
- 100% plant-based
- Excellent moisturizer and emollient
- Luxurious feel

#### Benefits

- Improved moisture barrier vs. coconut oil
- Appealing for silicone-free, vegan and gluten-free formulations
- Enables customers to obtain product certifications for GMO-free ingredients
- Easy to use in wide range in formulations, including cold preparation

### Application

Skin Care

Hair Care

Color Cosmetics

### Possible Uses

Personal Care Products: hair care – pomades, styling gels; skin care – creams, lotions, body washes, lip care, color cosmetics, and soaps.

### Technical Chemical / Physical Properties

| Chemical & Physical Analysis | Minimum | Typical   | Maximum | UOM | Method        |
|------------------------------|---------|---|---------|-----|---------------|
| Appearance                   |         | Beige to light yellow gel with surface cracking or small liquid pooling |         |     | Visual        |
| Viscosity @210°F             | 6.8     | 7.6   | 8.3     | cSt | ASTM D445     |
| Melt Point                   | 108     | 111   | 120     | °F  | AOCS Cc 18-80 |

### Shelf Life & Storage Information

When stored at or below 40°C (104°F) in the original unopened containers, this product has a usable life of 18 months from the date of production

### Handling Precautions

Product safety information required for this product is not included herein. Before handling, read material safety data sheet and container label for safe use, physical and health hazard information. The material

Date Issued: 5 April 2018

Revision Number: 0, Revision Date: 5 April 2018

**contact:**

*Elevance Renewable Sciences / 2501 Davey Road / Woodridge, IL 60517 / 866-625-7103/ CustomerService@elevance.com*

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safety data sheet is available from your local Elevance Renewable Sciences representative.

### Bio-Engineered Status

Our products are manufactured from natural oils. There are no genetically modified markers present in the natural oils comprising or used to manufacture this product. The coconut oil used in this product is from a certified GMO-free source.

### Regulated Additive(s)/Ingredient(s)

|                     |      |
|---------------------|------|
| Additives:          | None |
| Antioxidant:        | None |
| Anti-Foaming Agent: | None |

### Packaging & Coding

#### Lot code Format

Each piece/unit will have a code date, time of pack, and the item code legibly printed on each piece/unit.  
Normal Elevance code: Year (2 numbers), Month (2 numbers), Day (2 numbers), Shift or lot part (1 letter)

### Shipping & Storage Conditions

For ease when using, store at 20-30°C (65 – 85°F). Protect from extreme heat and cold (temperatures over 32°C (90°F) and under 5°C (40°F).

### How to Use

Elevance Soft CG-200 is a 100% plant-based, versatile emollient that can be used in a variety for hair and skin applications. See [Elevance.com](http://Elevance.com) for formulations ideas.

- Provides a soft, smooth feel in skin products
- Provides frizz control in hair care products
- Moisturizing and highly occlusive

### For Further Information, Please Contact Your Local Representative

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## Elevance Soft CG-200

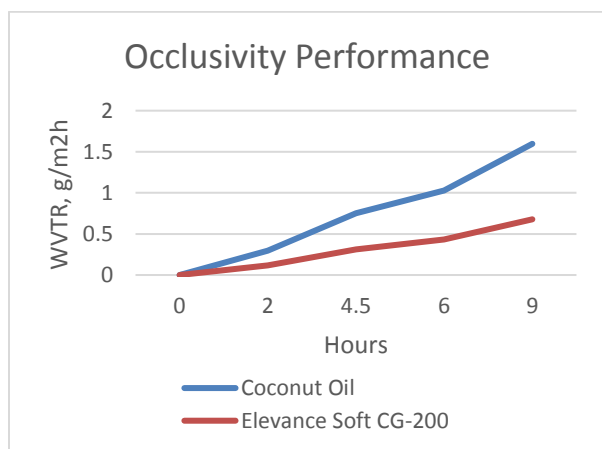
Table 1: Compatibility of Elevance Soft CG-200 with commonly used materials

| Cosmetic ingredient          | Miscible when melted (60°C) | Miscible at room temperature | Description                    |
|------------------------------|-----------------------------|------------------------------|--------------------------------|
| Isododecane/isohexadecane    | Yes                         | No                           | Cloudy liquid, some separation |
| Cyclopentasiloxane           | No                          | No                           | Cloudy Liquid, 2 phases        |
| Mineral Oil                  | Yes                         | Yes                          | Homogeneous cloudy gel         |
| C12-C15 alkyl benzoate       | Yes                         | Yes                          | Homogeneous cloudy liquid      |
| Phenyl trimethicone          | Yes                         | Yes                          | Homogeneous cloudy liquid      |
| <i>i</i> -Propyl palmitate   | Yes                         | Yes                          | Homogeneous cloudy liquid      |
| Caprylic/capric triglyceride | Yes                         | Yes                          | Homogeneous cloudy liquid      |
| Jojoba oil                   | Yes                         | Yes                          | Homogeneous clear liquid       |
| Isostearic acid              | Yes                         | Yes                          | Homogeneous cloudy liquid      |
| Glycerin                     | No                          | No                           | Two distinct phases            |

### Performance:

Elevance Soft CG-200 is significantly more occlusive than coconut oil, which translates to longer lasting moisturization benefits for skin care formulations.

Formulations with Elevance Soft CG-200 enable softer, more conditioned hair with less frizz after shampooing.



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