



Versatile, 100% plant-based emollient that is easily formulated into a wide variety of applications for skin care, hair care, and color cosmetics.

Features

- Soft, low melting gel
- 100% natural
- Excellent moisturizer and emollient

Benefits

- Easy to use in wide range in formulations, including cold preparations
- Richness of petroleum-based emollients without the heaviness or stickiness
- Semi-occlusive
- Increased gloss in skin care applications
- Improved shine and frizz control for hair products

Applications

- Skin Care
- Hair Care
- Color Cosmetics

Why Choose Elevance Soft CG-100?

- 100% bio-based, made from natural oils
- A modified plant oil alternative to silicone- and petrochemical-based emollients
- Highly moisturizing without the heaviness or greasy texture of petrolatum-based emollients
- USDA BioPreferred Listed

INCI Name

Hydrogenated Soybean Oil (and) Hydrogenated Soy Polyglycerides (and) C15-23 Alkanes

Possible Uses

Skin care: creams, lotions, body washes, lip care, color cosmetics, soaps

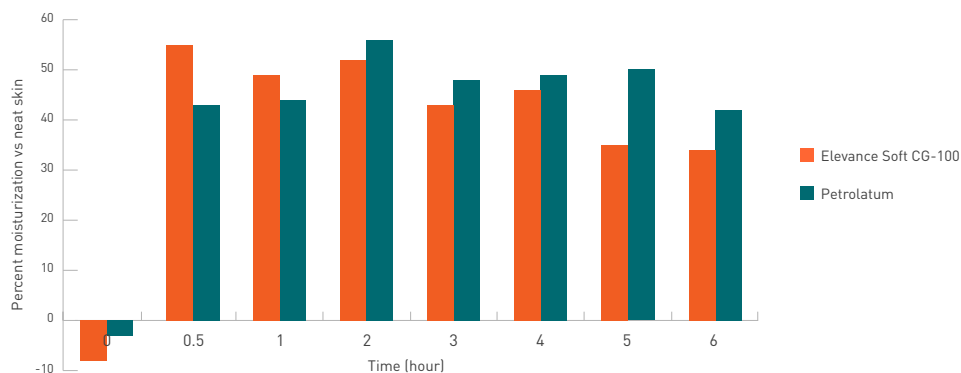
Hair care: pomades, styling gels

Technical Chemical/Physical Properties

Chemical & Physical Analysis	Minimum	Typical	Maximum	UOM	Method
Appearance		Beige to light yellow gel			Visual
Viscosity @210°F	9.6	10.8	12.2	cSt	ASTM D445
Melt Point	107	110	129	°F	AOCS Cc 18-80

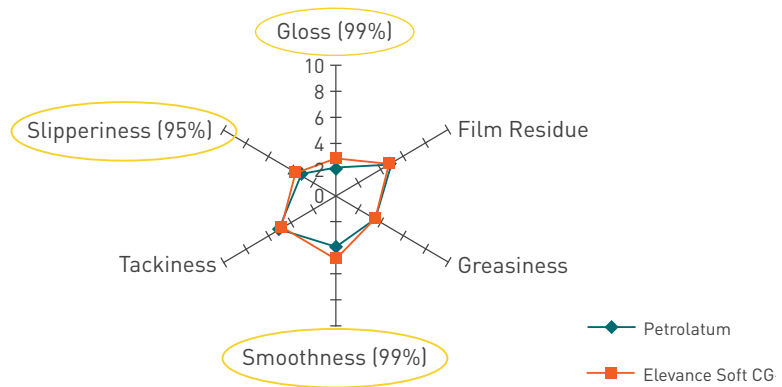
Moisturization Performance

Moisturization measurements on 10% O/W formulation; no significant differences noted between Elevance CG-100 and Petrolatum even at six hours



Evaluation of Elevance Soft CG-100 in Hair Applications

Sensory and physical tests using 9% O/W Cream formulation; significant differences noted in circled attributes



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 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.

Compatibility of Elevance Soft CG-100 with Common Cosmetic Ingredients

Cosmetic Ingredient	Miscible when Melted (60C)	Miscible at Room Temperature	Description
Mineral oil	Yes	No	Cloudy liquid, some separation
Isododecane	Yes	No	Cloudy liquid, some separation
C12-C15 Alkyl Benzoate	Yes	No	Homogeneous cloudy liquid
Cyclopentasiloxane	Yes	Yes	Homogeneous clear liquid
Phenyl Trimethicone	Yes	Yes	Homogeneous cloudy liquid
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

Regulated Additive(s) / Ingredient(s)

Additives	Citric Acid
Antioxidant	TBHQ (tert-butylhydroquinone)
Anti-Foaming Agent	None

PACKAGING & HANDLING

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.

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

Store at 18–29°C (65–85°F). Protect from extreme heat and cold (Temperatures over 32°C (90°F) and under 4°C (40°F)).

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