

# Calcium Carbonate

## Specification Sheet

**Description:** This calcium carbonate is a natural mineral sourced from high purity white minerals from the richest stone belts. It is ideal for cosmetic purposes. Particle size distribution 5.5 µm.

**CAS:** 471-34-1

**INCI Name:** Calcium carbonate

**Composition:** Calcium carbonate

**Appearance:** Fine white powder, chalky taste, odorless

**Benefits:**

- Excellent texturizer, functional filler and extender in various powder cosmetics.
- Enhances the creaminess of emulsions (creams and lotions)
- Enhances the amount and speed of foam generation in surfactant systems (shampoos, shower gels)
- Widely used as buffering and neutralizing agent.
- Useful as opacifying agent in cosmetic applications containing pigments.
- Has anti-microbial activity.
- Can replace talc in formulas, especially when combined with boron nitride sericite.

**Use:** Add as is to formulas. Typical use level is 0.5-25% depending on formula. For external use only.

**Applications:** Decorative cosmetics, make-up, face powders, creams & lotions, hair care products, perfumes & fragrances.

**Solubility:** Barely soluble in water (0.013 g/L)

**Preservation:** Preservative-free

**Storage:** Store in a closed container at a dry place at room temperature.

**Country of Origin:** USA

**Raw material source:** Limestone



10800 231<sup>st</sup> Way NE  
Redmond, WA 98053  
Phone: 425-292-9502  
makingcosmetics.com

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**Manufacture:** Calcium carbonate is obtained by crushing and grinding limestone carefully from rich stone belts.

**Animal Testing:** Not animal tested.

**GMO:** GMO-free

**Vegan:** Does not contain animal-derived components.

**HS Code:** 3505100000