

## Ice Sunflower

### Specification Sheet

**Description:** Instant-cold-emulsion powder made of sunflower wax & sodium polyacrylate. Can be added to water forming instant thick creams. No heating required, saves time. Heat sensitive ingredients such as actives are safe and can be added easily. Higher amounts need the addition of a liquid emulsifier. Can also be used as a visco-sity builder in regular hot process emulsions.

**CAS:** 1286686-34-7, 9003-04-7

**INCI Name:** Helianthus Annuus (Sunflower) Seed Wax, Sodium Polyacrylate

**Composition:** Helianthus Annuus (Sunflower) Seed Wax, Sodium Polyacrylate

**Appearance:** White powder, mild fatty odor.

**Benefits:**

- Makes stable creams using no additional emulsifiers and no heating.
- Gives creams in no time and reduces the manufacturing process significantly.
- Needs just to be added to cold or warm/hot water.
- Compatible with many oils (up to a concentration of 10% is well tolerated without an emulsifier).

**Use:** Add 5-10% to water and blend (handheld mixer) until smooth. Use water at room temperature or hot water for best results. Add up to 10% plant oils then add active ingredients & fragrance. For external use only.

**Applications:** Creams, lotions, serums, makeup, hair products & sun care.

**Solubility:** Insoluble in water.

**Preservation:** Preservative-free.

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

**Country of Origin:** USA

**Raw material source:** Sunflower oil, acrylic acid, sodium hydroxide

**Manufacture:** Sunflower wax is made from winterization of sunflower oil. Sodium polyacrylate is produced by polymerization of acrylic acid blended with sodium hydroxide in the presence of an initiator.



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**Animal Testing:** Not animal tested.

**GMO:** GMO-free.

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

**HS Code:** 3402130000