

## HP Starch

### Specification Sheet

**Description:** Naturally derived, gluten-free, pre-gelatinized sugar, compatible with large variety of salts and ingredients due to non-ionic character. As this product is based on Corn starch it will not contain Gliadin, Hordein, Secalin or Avenin, but will contain low levels of corn protein, i.e. Zien. This product is not known to be associated with allergic reactions to gluten.

**CAS:** 113894-92-1

**INCI Name:** Hydroxypropyl Starch Phosphate

**Composition:** Hydroxypropyl Starch Phosphate, Water

**Appearance:** Off-white free-flowing powder.

**Benefits:**

- Gives immediate viscosity and body to formulas.
- Stabilizes emulsions at any temperature and simplifies emulsion procedure.
- Provides nice conditioning after-feel and enhanced aesthetics.
- Reduces greasiness in formulas.
- Provides a smooth velvety feel in powders and makeup.

**Use:** Add as is to the water phase of formula, typical use level is 3-10% depending on desired viscosity. 4.5% dispersion has a viscosity of 2,000-7,000 cps and gels are salt stable. For external use only.

**Applications:** All kind of creams & lotions, foundations, mascara, color cosmetics, liquid make-up, liquid talc, conditioners, shampoos, sunscreen products, antiperspirants.

**Solubility:** Soluble and swellable in cold water.

**Preservation:** Preservative-free

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

**Country of Origin:** USA

**Raw material source:** Corn and wheat



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**Manufacture:** HP starch is produced by treating starch or starch granules with phosphoric acid and propylene oxide.

**Animal Testing:** Not animal tested.

**GMO:** GMO-free

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

**HS Code:** 3505100000