

Tapioca Starch

Specification Sheet

Description: Starch extracted from Cassava (Tapioca). Gluten-free, aluminum-free, and hydrophobically modified with polymethylsilsesquioxane. Aluminum free.

CAS: 9005-25-8, 7732-18-5, 68554-70-1

INCI Name: Tapioca Starch, Water, Polymethylsilsesquioxane

Composition: Tapioca Starch, Water, Polymethylsilsesquioxane

Appearance: White free-flowing powder

Benefits:

- Widely used as thickener and viscosity enhancer in various personal care products.
- Excellent texturizer in face powders providing smooth and silky velvety feel.
- Mitigates heavy unpleasant and greasy feel of oils, esters & waxes.
- Can replace talc in formulas.

Use: Add as is to formula, preferentially to water phase. No heating is required. Typical use level is 3-10% depending on desired viscosity. For external use only.

Applications: Body & makeup powders, antiperspirants, color cosmetics, creams, lotions, eye cosmetics, liquid make-up, liquid talc.

Solubility: Insoluble but miscible in water, swells in hot water.

Preservation: Preservative-free

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

Country of Origin: USA

Raw material source: Roots of the cassava plant

Manufacture: Tapioca starch is extracted from the roots of the cassava plant. It is then hydrophobically modified with polymethylsilsesquioxane to enhance compatibility with oils, emulsifiers, and surfactants. It is further cross-linked with calcium salt to improve water swelling and thickening.



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Animal Testing: Not animal tested.

GMO: GMO-free

Vegan: Does not contain animal-derived components.

HS Code: 3505100000