

Tapioca Starch

Specification Sheet

Description: Starch extracted from cassava (Tapioca). Gluten-free, aluminum-free, and hydrophobically modified with polymethylsilsesquioxane. White free-flowing powder, aluminum free. Insoluble but miscible in water, swells in hot water. pH Value: 5-6 (20% aqueous slurry).

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

INCI Name: Tapioca starch, polymethylsilsesquioxane, water

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.

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

Animal Testing: Not animal tested

GMO: GMO-free (does not contain plant-derived components)

Vegan: Does not contain animal-derived components