

Updated: 18-Jan-2022

72h Moisture

Specification Sheet

Description: Saccharide Isomerate is a deeply moisturizing, plant-derived ingredient based on its unique composition which is similar to that of the carbohydrate complex found in human skin and on its unique ability to bind to skin cells. Provides deep hydration & creates a moisture reservoir that lasts for 72h.

CAS: 100843-69-4, 7732-18-5, 77-92-9, 68-04-2

INCI Name: Saccharide isomerate

Composition: Saccharide isomerate, water, citric acid, sodium citrate

Purity Grade: No purity grade applicable

Appearance: Clear, yellowish slightly viscous liquid

pH Value: pH range: 4-5

Benefits:

- 100% natural sugar-based humectant providing excellent moisturizing effects to the skin for extended periods of time (72 hours)
- Creates a moisture reservoir as it binds readily to the skin. Suitable for skin and hair care products

Use: Add as is to the water phase of the formulas below 60°C/140°F. Typical use level 1-5% for skin care products, 0.2% shampoos and 0.5% conditioners. For external use only.

Applications: All kinds of skin care products such as creams, gels, lotions, and hair care products.

Solubility: Water-soluble

Preservation: Sodium citrate

Storage: Store refrigerated (4-8°C / 39-46°F)

Country of Origin: Germany

Raw material source: Various plants

Manufacture: Saccharide isomerate is formed by isomerization of plant-derived D-glucose.

Animal Testing: Not animal tested

GMO: GMO-free

Vegan: Does not contain animal-derived components

HS Code: 2922494050