

2 minutes application break

Sweeteners

Facts

Origin Worldwide
Dates back Ancient civilizations
Ingredients Natural sweeteners

To add sweetness to food and drinks

MixSing Vortex



Design

Shear	CFD simulations confirms >200,000 s ⁻¹
Design	According to European legislation and CE marked
Hygiene	Complying with EHEDG guidelines
Viscosity	Up to 1,000 cP
Accessories	Table
Materials	Stainless steel: AISI 316L. All materials: EC 1935

Insight

Sweeteners are substances added to food and beverages to enhance their sweetness. Sweeteners can be natural or artificial and are used for various purposes, including as a sugar substitute, a flavour enhancer, and a preservative.

The history of sweeteners can be traced back to ancient civilizations, where people used natural sweeteners such as honey and fruit syrups to sweeten food. In the Middle Ages, sugar, which is derived from sugarcane, became more widely available, and it quickly became a popular sweetener. The process of refining sugar was developed in the 18th century, and this

made sugar more affordable and widely available.

In the 20th century, various artificial sweeteners were developed as alternatives to sugar. Some of the most well-known artificial sweeteners include saccharin, discovered in 1879, and aspartame, approved for use in 1981. Other artificial sweeteners, such as stevia, are derived from natural sources.

Sweeteners are used in various food and beverage products, including baked goods, candy, soft drinks, and processed foods. They are also used as a sugar substitute for

people with diabetes or other conditions that require a low-sugar diet. Artificial sweeteners are also used in many products, including pharmaceuticals and personal care products.

Sweeteners can be derived from natural sources such as sugar cane, beet, honey, or fruit syrups. Artificial sweeteners such as saccharin, aspartame, acesulfame potassium, and sucralose can be chemically derived.



The power of simplicity

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