



Sun Plan Development Ltd.

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A-K (Acesulfame K)

Shape: white, virtually odorless, crystalline powder

Molecular weight: 201.24

CAS no.: 55589-62-3

Code: GB19.011, INS NO.950

Advantages:

Good taste: similar to sucrose in terms of taste

High sweetness: about 200 times sweeter than sucrose

Easily dissolved: dissolves quickly and easily in water under room temperature

Non-calories: no metabolism and no calorific value in the body, suitable for diabetics

Synergistic effect: Acesulfame-K has a distinguished synergistic effect when used in combination with other sweeteners, which can make a 20-40% reduction in the quantity of product required

Long-lasting stability: no loss quality for 10 years during storage, not hygroscopic, high physical and chemical stability even at 225[°]F or the range of PH2-10, no interaction with other involved ingredients and additives

It will not cause tooth decay, with the good product image of low calorie and protecting tooth

Lower the production costs; ensure or extend the product shelf-life

Safety:

No adverse reactions in the body to the consumption of Acesulfame-K have been found despite extensive and thorough safety studies and the wide use in Europe for more than ten years. It doesn't metabolize and accumulate in the body, doesn't affect the normal function of human body, and is excreted rapidly and completely, so it's very suitable for diabetics.

According to the regulation of FDA, for the adults of body weight of 60kgs, the sweetness of max ADI 15mg/kg is equal to that of sucrose of 180g which is times as the average daily sucrose intake.



Applications:

Acesulfame-K is widely used in various kind of food. Acesulfame-K is the most suitable sweetener for soft beverage because of it's high stability and good taste, it can be used in such foodstuffs as sweetener: soft drink, chewing gum, coffee (instant), tea (instant), dairy product analogs, gelatins, pudding desserts, tabletop sweetener and baked food.

Acesulfame-K can be also used in medicine and cosmetics, for example, syrup, sugarcoating plus, toothpaste, lipstick, mouth-washer and similar products.

Acesulfame-K application and max use quantity of EU:



Standard and Package:

Production standard is Q/320582XHP2, this standard also meets FCCIV, BP, EP, FAO/WHO, JECFA

Fiber tray, sealed with polyethylene film

To save your precious time, we also provide following services: blended sweeteners in various proportion

Use paper carton (53cm x 6cm x 20cm) or fiber drum, metal drum (30 x 42cm), lined with two polyethylene inner bag or aluminum foil bag. 1kg, 2.5kg, 5kg, 10kg, etc. small size package.

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