

清凉剂 Cooler Than menthol WS-23

中文同义名：凉味剂，清凉剂

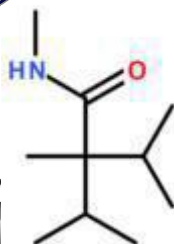
English Name : Cooler than menthol USP Grade

Other name: Cooling agent ,ws-23, cooling compound.

FEMA :3804

CAS: 51115-67-4

结构式：



Structure:

MF: C₁₀H₂₁N

MW: 171.28

Formula White crystalline solid.

色状：白色结晶性固体。

Description

WS-23 crystals is a cooling agent that has no odour or taste. It delivers an extreme coolness to your flavour solution without any menthol. WS-23 is more balanced and smoother in character and is perfect for those who enjoy an ice cold cooling impact with less flavour muting than other popular additives.

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Colour & Appearance

香气: 薄荷样凉味。

Odor Mint-like cooling

熔点 60~63°C

Melting Point 60~63°C

纯度: ≥ 99.0%

Purity(By GLC) ≥ 99.0%

酸值: ≤ 1.0

Acid value ≤ 1.0

重金属 (以 Pb 计): ≤ 10mg/kg

Metal ≤ 10mg/kg

含砷量 (以 As 计): ≤ 3mg/kg

Arsenic ≤ 3mg/kg

产品特性

1、长效凉味剂, 本身具有较强的凉味以及缓释和延长凉味的作用, 清凉效果显著持久, 可持续 15-30 分钟; (The long-acting cooling agent has a strong cooling effect, slow release and prolonged coolness. The cooling effect is significant and lasting for 15-30 minutes.)

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2、持续高温 200°C 不会影响产品的清凉强度，便于工艺生产中烘烤等高温处理；(Continuous high temperature of 200° C will not affect the cool intensity of the product, and it is convenient for baking and other high temperature processing in process production.)

3、用量低：1kg 某产品要达到制凉效果只需 30~100 mg 的 WS-23 产品即可；(Low dosage: 1kg Only WS-23 products with 30~100 mg of cooling effect can be achieved for a product)

4、水溶性好，溶解度达到 0.7%；

(good water solubility, solubility reaches 0.7%；)

5、产品无异味，清怡、持久、新鲜，无辛辣、刺激感，与其他香精混合使用不会影响其香气而达到制凉效果。

(The product has no peculiar smell, long-lasting, fresh, no spicy, irritation, and the use of mixed with other flavors will not affect the aroma and achieve cooling effect.)

用途与使用方法

Uses and methods of use

1、用途主要用于医药、口腔护理、巧克力、乳制品、果冻、

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果酱、糖果、面包、淀粉食品、饮料、啤酒及酒精饮料、口香糖、含片、润喉糖、漱口水、

牙膏、烟草、剃须膏、肥皂、湿纸中、面膜等。可以配制不同香型的清凉产品为食品、日化、医药公司提供新品种的选择机会。

(Uses are mainly used in medicine, oral care, chocolate, dairy products, jelly, jam, candy, bread, starch foods, beverages, beer and alcoholic beverages, chewing gum, lozenges, lozenges, mouthwash, Toothpaste, tobacco, shaving cream, soap, wet wipes, facial mask, etc. Different flavors of cool products can be formulated to suit new market concepts and provide food, daily chemical, and pharmaceutical companies with the opportunity to choose new varieties.)

2、使用方法

可加进水溶液，或先溶解在香精中，再加进产品中。参考用量：
30~100mg/kg。

(Can be added to the aqueous solution; or dissolved in the essence, and then added to the product. Reference dosage: 30~100mg/kg.)