



上海鸿运源化工有限公司

SHANGHAI HYYCHEM CO., LTD.

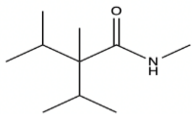
Add: No.26, Lane 3938, Huqingping Rd. Qingpu, Shanghai, China

TEL:+86-21-32513559

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Cooling Agent WS-23

v.1.0

Product name:	2-Isopropyl-N,2,3-trimethylbutyramide
Synonyms:	[N,2,3-Trimethyl-2-(1-methylethyl) butanamide]; WS-23
CAS No:	51115-67-4
EINEC:	256-974-4
FEMA:	3804
Application:	Cosmetics: toothpaste, oral products, air freshener, skin cream, shaving cream shampoo, sunscreen, body wash Food: confectionary products, chocolate, dairy products, beer, distilled spirits, beverages and chewing gum, pharmaceutical and tobacco industries. Offering a long-lasting, harmonious cooling sensation
Molecular Formula:	C ₁₀ H ₂₁ NO
Molecular weight:	171.28
Chemical Structure:	
Appearance:	White powder crystal
Melting point:	62-64°C
Purity:	99%.Min
Solubility:	Soluble in ethanol and organic solvents, slightly soluble in water
Acid value:	1.0 Max (KOH)(mg/kg)
Main features:	1. Continuous and long-lasting cooling and refreshing effect without the heat, sting and sting of peppermint and/or peppermint 2. Good heat resistance below 200°C, without reducing the cooling effect, suitable for high temperature processes such as baking 3. The cooling strength generally lasts for 15-30 minutes, without burning sensation, and is cooler than menthol products 4. Low dose 30-100mg/kg, has good cooling effect 5. Compatible with other fragrances, also compatible with other cooling agents
Packaging:	Cardboard drum with plastic liner, net weight 25kg
Shelf life:	Up to 2 years if unopened



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Storage:	Airtight, cool and dry away from direct sunlight
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