



# 上海鸿运源化工有限公司

## SHANGHAI HYYCHEM CO., LTD.

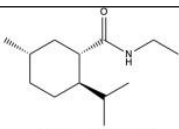
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### Cooling Agent WS-3

V 1.0

WS-3 is a white powder crystal, used as a cooling agent for skin and lipstick. It is performed as a cooling agent in mint formulas, various spice formulas and oral care products, and as a cooling agent in chewing gum and children's sugar, too.

With a concentration of 10-100mg/kg, it acts on the trigeminal nerve to have a strong and long- lasting cool taste. The cool taste is very light at first, but rises steadily until it reaches the long- lasting cool taste with slight camphor and mint characteristics.

Trade name:	Cooling agent WS-3; Cooler WS-3
Chemical name :	N-ethyl-2-(isopropyl)-5-methylcyclohexanecarboxamide
Synonyms:	Menthol Carboxamide; N-ethyl-L-menthylformylamine (1S,2R,5S)-N-ethyl-5-methyl-2-(propan-2-yl)cyclohexanecarboxamide
CAS No:	39711-79-0
EINEC:	254-599-0
FEMA:	3455
M.F.:	C <sub>13</sub> H <sub>25</sub> NO
M.W.:	211.35
Structure:	 CAS No.: 39711-79-0 (1S,2R,5S)-N-ethyl-5-methyl-2-(propan-2-yl)cyclohexanecarboxamide
Melting point:	95-98°C
Purity:	99%.Min
Solubility:	Almost insoluble in water, soluble in alcohol
Packaging:	25kg per cardboard drum
Storage:	Airtight, cool and dry away from direct sunlight