

TECHNICAL SPECIFICATION

Product Technical Information

Product: **NICOMENTHYL® COOL** (Code 2005122)

Cosmetic ingredient for skin care & hair care products

INCI: Menthyl nicotinate, Menthol

CAS: 40594-65-8, 2216-51-5

COMPOSITION:

Menthyl Nicotinate: 50 – 60%

Menthol: 40 – 50%

Organoleptic properties	
Appearance	Liquid
Colour	White transparent (colorless)
Hazen Colour value (APHA)	<= 50
Smell	Characteristic, minty
Physical & chemical properties	
Relative density (at 20°C)	0.93 – 0.98
Solubility	Practically insoluble in water at 20 °C; soluble in ethanol, fatty oils, esters.
Melting/freezing point	approx. -15°C
Refractive Index (Abbe Refractometer; 589 nm)	1.4850 – 1.4950
Shelf life: > 36 months. Thermostable. No added preservatives or antioxidants are required nor any special condition for storage.	

APPLICATIONS:

Skin care Hair care Body care Sun care

RECOMMENDED USAGE: in Face Products: 0.5 – 0.8%. In Hair or Body Products: 0.8 – 3%. In Special Products (intensive treatments): up to 5%.

HOW TO USE:

Disperse *NICOMENTHYL COOL* into the oil phase of a formulation using simple mixing to help with emulsification or blending with other polar or non-polar oils. There is no need for post-shearing.

Date: January 4, 2021