

TECHNICAL SPECIFICATION

Product Technical Information

Product: **NICOMENTHYL® FRESH** (Code 2007067)

Cosmetic ingredient for skin care & hair care products

INCI: Menthyl nicotinate, Menthyl lactate

CAS: 40594-65-8, 61597-98-6

COMPOSITION:

Menthyl Nicotinate: 50 – 60%

Menthyl Lactate: 40 – 50%

Organoleptic properties	
Appearance	Liquid
Colour	White transparent (colorless)
Hazen Colour value (APHA)	<= 30
Smell	Characteristic, practically odorless
Physical & chemical properties	
Relative density (at 20°C)	0.995 – 1.015
Solubility	Practically insoluble in water at 20 °C; soluble in ethanol, fatty oils, esters.
Melting/freezing point	< - 15 °C
Refractive Index (Abbe Refractometer; 589 nm)	1.4830 – 1.4930
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 FRESH* 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 5, 2021