

## TECHNICAL PRODUCT SPECIFICATION

Product Description: Pine Needle Oil NI

Article No.: P0114703

### Physical Data

Appearance (according to FL M-AP-001):	liquid, clear, yellowish
Sensoric profile (according to FL M-SP-002):	When used properly typical sensoric profile.
Flashpoint (according to FL ASTM D6450):	43 °C
Relative density (according to FL EuAB 2.2.5):	0.861 ... 0.881 (d20/4)
Refractive index (according to FL EuAB 2.2.6):	1.463 ... 1.483 (nD20)
Optical rotation (according to FL EuAB 2.2.7):	-4° ... +6° (α <sub>20</sub> )

### Microbiological Information

References:	German § 64 LFGB collection of methods and ISO-Norm
Total Plate Count:	max. 1,000 / g
Yeasts:	max. 100 / g
Moulds:	max. 100 / g
Enterobacteriaceae:	max. 10 / g
Coliforms:	negative in 0.1 g
Escherichia coli:	negative in 1 g
Salmonella:	negative in 50 g

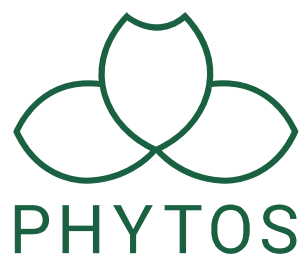
### Other

Vegan: Yes  
(containing no animal products, including honey)

### Storage and Handling

Storage:	In tightly closed, preferably full containers in cool and dark storage area. Protect from light.
Storage temperature:	Recommended storage temperature 10-20 °C.
Minimum shelf life:	In suitable, originally closed containers minimum 36 months. If used after minimum shelf life, the material has to be analyzed properly.

**Phytos Natur CZ s.r.o.**



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