



TRIMOND GmbH
for taste and smell

SPECIFICATION PINE NEEDLE OIL WATER-SOLUBLE

Product number: 022-999

| Content | CAS-No: | INCI-name: |
|---------------------------------|-------------------------|------------------------------------|
| from $\geq 15,0$ to $\leq 25,0$ | 8021-29-2 | Pinus Silvestris Needle Oil |
| from $\geq 20,0$ to $\leq 40,0$ | 61791-13-7 ; 68439-50-9 | Coceth-7 |
| from $\geq 20,0$ to $\leq 40,0$ | 154248-98-3 | PPG-1-PEG-9 Lauryl Glycol Ether |
| from $> 5,0$ to $\leq 20,0$ | 61788-85-0 | PEG-40 Hydrogenated Castor Oil |
| from $> 2,0$ to $\leq 10,0$ | 7732-18-5 | Aqua |

Description: Viscous liquid, colorless or pale yellow, with the smell of pine needle essential oil. At temperatures below 25 C, turbidity is possible. When stored at temperatures below 16 C, a pasty mass may form. When heated to 40 C, the properties are restored. Withstands repeated heating
Manufactured according to TU 20.53.10-003-35444816-2018

Additional information: It is recommended to add product into the composition at a temperature below 45C. It is allowed to add into oil and water phases. Does not contain preservatives.

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| Characteristic | Result |
|---------------------------------------|--|
| Solubility in water | Soluble with the formation of transparent or transparent with slight opalescence solutions |
| Density at 20 °C, g/cm ³ | 0,70–1,20 |
| Refraction index at 20 °C | 1,300–1,600 |
| Acid number mg KOH/g, not higher than | 10 |
| pH 10% hydrous solution | 5,0-7,5 |
| Storage terms | In a hermetically sealed packaging, in a dry room, protected from light, at a temperature of 5-25 C. |
| Shelf life | 12 months packed in original unopened packaging |

Recommended Input Percentage:

Bath products (soaps, shampoos, facial cleansers) – up to 5%

Flavors for baths and saunas - up to 10%

Creams - up to 5%

Cosmetic milk - up to 3%

Massage mixtures - up to 5%

Tonics - up to 1%

Healing ointments - up to 10%

Micellar water - up to 1%

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