

# Product Specification Sheet

## Terpineol

**CAS No.: 8000-41-7**



## Product Description

Terpineol is a high-purity terpene alcohol derived from turpentine through hydration and refining processes. It is widely used as a fragrance ingredient, solvent, and chemical intermediate due to its pleasant pine aroma, excellent solvency, and stability.

## Production Process

- Hydration of turpentine to form terpene hydrates
- Dehydration using phosphoric acid method
- Fractional distillation and purification
- Quality grading according to purity levels

## Physical Characteristics and Appearance

- Appearance: Colorless to pale yellow transparent liquid
- Odour: Pleasant lilac / pine fragrance
- Color: Gardner color value 3 max.
- Stability: Stable under recommended storage conditions

## Technical and Physical Properties

Property	Specification
Purity	85% – 99%
Specific Gravity (20 ° C)	0.930 – 0.950
Boiling Range	210 ° C – 220 ° C
Water Content	0.5% max.

## Industrial Applications

- Fragrance and perfumes
- Cleaning products

- Solvents for coatings and inks
- Pharmaceutical intermediates

## Safety and Handling

- Avoid direct contact
- Use protective equipment
- Store in cool, dry place
- Keep away from ignition sources