



# BioProGreen

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## TECHNICAL SHEET TEREBENTHINE ESSENTIAL OIL

**Botanical name:**Pinus pinaster Soil

**INCI name:**TURPENTINE

**CAS No.:**8006-64-2

Production: Distillation by steam distillation of gum/oleoresin from Pinus pinaster

### Physical and chemical properties:

- **Physical state** :liquid
- **Appearance** :clear mobile liquid
- **Smell** :characteristic
- **Color** :colorless, slightly light yellow
- **Flash point** :38°C
- **Boiling point** :153°C
- **Relative density**:0.86 – 0.872
- **Refractive index** :1.465 – 1.475
- **Rotating power** :-40 - -28°
- **Solubility**:poorly soluble in water. Solubility in ethanol
- **Composition** :PINENES; LIMONENE

### Handling and storage:

- **Additional dangers during processing:**Handle empty containers with care as residual vapors are flammable.
- **Precautions for safe handling:**Wash hands and other exposed areas with mild soap and water before eating, drinking, smoking, and before leaving work. Ensure good ventilation of the work area to avoid the formation of vapors. No open flames. NO SMOKING. Take precautionary measures against electrostatic discharge. Do not use spark-producing tools. Avoid breathing dust/fumes/vapours/aerosols.
- **Hygiene measures:**Wash hands thoroughly after handling. Contaminated work clothing should not be taken out of the workplace. Wash contaminated clothing before reuse.
- **Technical measures:**follow proper grounding procedures to avoid static electricity. Earthing/equipotential bonding of the container and receiving equipment. Use explosion-proof ventilation equipment.
- **Storage conditions :**Store only in the original container in a cool, well-ventilated place away from heat sources, direct sunlight. Keep containers closed when not in use.
- **Incompatible products:**strong foundations. Strong acids
- **Incompatible materials:**sources of ignition. Direct rays of the sun.
- **Storage temperature:**5 - 25°C
- **Storage area :**Store in a cool, well-ventilated place. Store away from light. Protect from heat.