

## SPECIFICATION SHEET

**VERSION** 1,00      **VERSION DATE** 19/09/22      **PRINT DATE** 17/07/24

**PRODUCT** PINE ABSOLUTE  
**APPLICATIONS** Industrial raw material not intended for direct use.  
**IUPAC NAME** PINE NEEDLES ABSOLUTE  
**PLANT OF ORIGIN** Pinus pinaster  
**PART OF THE PLANT** BRANCHES  
**SYNONYMS**  
  
**CAS** 90082-75-0  
**CAS 2** 8000-26-8  
**EINECS** 290-166-2  
  
**FEMA** 2906  
**TARIFF NUMBER** 3301294900

**REACH REGISTRATION NO.** Exempt from registration (imported/manufactured < 1 ton/year)

### SPECIFICATIONS

**ASPECT AT 20°C** VISCOUS LIQUID  
**COLOUR** DARK GREEN  
**ODOUR** WOODY, SWEET, MOSSY  
**TASTE**  
**DENSITY AT 20°C (g / ml)** -  
**DENSITY 25/25** -  
**REFRACTIVE INDEX nD20** 1,5200 - 1,5400  
**REFRACTIVE INDEX nD25** -  
**OPTICAL ROTATION (°)** /  
**BOILING POINT (°C)** -  
**MELTING POINT (°C)** -  
**FLASH POINT (°C)** 101,00  
**ASSAY (% GC)** -  
**ACID VALUE (mg KOH/g)** 100-150 mg KOH/g  
**SOLUBILITY** INSOLUBLE IN WATER  
**VAPOUR PRESSURE** NOT DETERMINED  
**OTHER SOLUBILITIES** SOLUBLE IN ETHANOL 96% WITH SLIGHT OPALESCENCE

**OTHER TECHNICAL DATA** ETHANOL < 2% - MAY CONTAIN COLORANT (DC GREEN / CI61565) ABOUT 0,02%.

### STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 24 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.

WE BELIEVE THE ABOVE INFORMATION TO BE CORRECT BUT WE DO NOT PRESENT IT AS ALL INCLUSIVE AND AS SUCH SHOULD BE USED AS A GUIDE. IT IS THE SOLE RESPONSIBILITY OF THE RECEIVER OF OUR PRODUCT TO COMPLY WITH EXISTING REGULATIONS AND INSTRUCTIONS.