

SPECIFICATION SHEET

VERSION 4,00 **VERSION DATE** 19/09/22 **PRINT DATE** 06/05/24

PRODUCT PINE OIL, AUSTRIAN
APPLICATIONS Industrial raw material not intended for direct use.
IUPAC NAME FIR NEEDLE OIL
PLANT OF ORIGIN Abies sibirica ledeb.
PART OF THE PLANT FIR NEEDLE
SYNONYMS

CAS 91697-89-1
CAS 2 8021-29-2
EINECS 294-351-9

FEMA 2905
TARIFF NUMBER 3301294900

FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST
REACH REGISTRATION NO. 01-2120738835-44

SPECIFICATIONS

ASPECT AT 20°C CLEAR MOBILE LIQUID
COLOUR COLORLESS TO PALE YELLOW
ODOUR PINE, WOODY, GREEN
TASTE
DENSITY AT 20°C (g / ml) 0,885 - 0,895
DENSITY 25/25 -
REFRACTIVE INDEX nD20 1,4650 - 1,4750
REFRACTIVE INDEX nD25 -
OPTICAL ROTATION (°) -55,00 / -45,00
BOILING POINT (°C) -
MELTING POINT (°C) -
FLASH POINT (°C) 42,00
ASSAY (% GC) BORNYL AC. 16-28%;CAMPHENE 15-25%;A-PINENE 10-20%
ACID VALUE (mg KOH/g) -
SOLUBILITY INSOLUBLE IN WATER;SOLUBLE IN ETHANOL(OPALESCENCE)
VAPOUR PRESSURE NOT DETERMINED
OTHER SOLUBILITIES SOLUBLE IN ETHANOL

OTHER TECHNICAL DATA PEROXIDE INDEX < 10 mmol/L

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.

PURGE HEADSPACE WITH NITROGEN.

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.

THIS PRODUCT HAS NOT BEEN FILTERED DUE TO TECHNICAL REASONS. WE RECOMMEND NOT TO USE IT UNLESS FILTERED WHEN USED AS A RAW MATERIAL IN FOOD INTENDED FOR FINAL CONSUMERS.