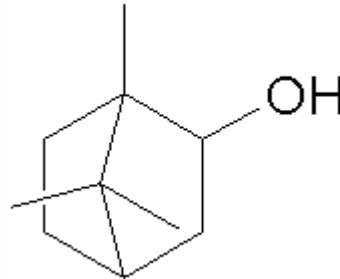


SPECIFICATION SHEET

VERSION 2,00 **VERSION DATE** 11/06/20 **PRINT DATE** 13/08/22

PRODUCT BORNEOL 100% NATURAL
APPLICATIONS Raw material for industrial use intended for the manufacture of flavours and/or fragrances.
IUPAC NAME 1,7,7-TRIMETHYLBICYCLO-1,2,2-HEPTANOL-2
SYNONYMS 1,7,7-TRIMETHYLBICYCLO-1,2,2-HEPTANOL-2

PLANT OF ORIGIN Pinus spp.
PART OF THE PLANT BRANCHES AND NEEDLES
FORMULA C10 H18 O
MOLECULAR WEIGHT 154,00
CAS 464-45-9
CAS 2 507-70-0
EINECS 207-353-1
EINECS 2 208-080-0
FEMA 2157
TARIFF NUMBER 2906190090



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

SPECIFICATIONS

ASPECT AT 20°C SMALL CRYSTALS OR CRYSTALLINE POWDER
COLOUR WHITE TO PALE YELLOW
ODOUR DRY WOODY, SLIGHTLY CAMPHORACEOUS
TASTE
DENSITY AT 20°C (g / ml) -
DENSITY 25/25 -
REFRACTIVE INDEX nD20 -
REFRACTIVE INDEX nD25 -
OPTICAL ROTATION (°) -40,00 / -36,00
BOILING POINT (°C) -
MELTING POINT (°C) 202 - 213
FLASH POINT (°C) 65,00
ASSAY (% GC) > 98
ACID VALUE (mg KOH/g) -
SOLUBILITY INSOLUBLE IN WATER
VAPOUR PRESSURE NOT DETERMINED
OTHER SOLUBILITIES PARTLY SOLUBLE IN ETHANOL

OTHER TECHNICAL DATA

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.

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