

SPECIFICATION SHEET

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VERSION 8,00 **VERSION DATE** 19/09/22 **PRINT DATE** 21/12/24

PRODUCT BORNYL ACETATE

APPLICATIONS Industrial raw material not intended for direct use.

IUPAC NAME (1R,2S,4R)-1,7,7-TRIMETHYLBICYCLO[2.2.1]HEPTAN-2-YL ACETATE

SYNONYMS

FORMULA C12 H20 O2 **MOLECULAR WEIGHT** 196,29 **CAS** 76-49-3 CAS₂ 5655-61-8 **EINECS** 200-964-4 **EINECS 2** 227-101-4 FFMΔ 2159 **TARIFF NUMBER** 2915390090

FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST

REACH REGISTRATION NO. 01-2120062932-55, 01-2119901856-34

SPECIFICATIONS

ASPECT AT 20°C CLEAR MOBILE LIQUID/SOLID COLOUR COLORLESS TO PALE YELLOW

ODOUR PINE, CAMPHORACEOUS, HERBAL, BALSAM

TASTE

DENSITY AT 20°C (g / ml) 0,978 - 0,988

DENSITY 25/25

REFRACTIVE INDEX nD20 1,4620 - 1,4660 REFRACTIVE INDEX nD25 -

OPTICAL ROTATION (°) -25,00 / 0,01

BOILING POINT (°C) 226 - 227 (760 mm Hg)

 MELTING POINT (°C)
 CA. 10-30°C

 FLASH POINT (°C)
 100,00

ASSAY (% GC) BORNYL AC. +ISOBORNYL AC. >98%; BORNYL AC. >66%

ACID VALUE (mg KOH/g) < 0.5

SOLUBILITY NEARLY INSOLUBLE IN WATER

VAPOUR PRESSURE NOT DETERMINED

OTHER SOLUBILITIES SOLUBILITY IN ETHANOL 70%: APPROX. 1: 2,5-3

OTHER TECHNICAL DATA ISOBORNYL ACETATE 10-35%

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