

SPECIFICATION SHEET

VERSION 3 VERSION DATE 19/09/22 PRINT DATE 23/04/25

PRODUCT AMBRETTOLIDE
APPLICATIONS Industrial raw material not intended for direct use.
IUPAC NAME OXACICLOHEPTADEC-10-EN-2-ONA
SYNONYMS (10E)-OXACYCLOHEPTADEC-10-EN-2-ONE,
HEXADEC-9-EN-1,16-LACTONE,TRANS-DELTA(9)-ISO

FORMULA C₁₆ H₂₈ O₂
MOLECULAR WEIGHT 252,39
CAS 28645-51-4
CAS 2 63286-42-0
EINECS 249-120-7
FEMA 4145
CoE 180B
FDA 172.515
TARIFF NUMBER 2932209090

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ASPECT AT 20°C SLIGHT VISCOUS CLEAR LIQUID
COLOUR COLORLESS TO PALE YELLOW
ODOUR FLORAL, MUSKY, SWEET, PLEASANT
TASTE MUSK SEED OIL, RIPE, BLACKBERRY
DENSITY AT 20°C (g / ml) 0,945-0,955
DENSITY 25/25 -
REFRACTIVE INDEX nD20 1,4760-1,4820
REFRACTIVE INDEX nD25 -
OPTICAL ROTATION (°) /
BOILING POINT (°C) -
FLASH POINT (°C) 97
ASSAY (% GC) > 98 (SUM OF ISOMERS); MAJOR PEAK TRANS>97%
ACID VALUE (mg KOH/g) -
SOLUBILITY NEARLY INSOLUBLE IN WATER
VAPOUR PRESSURE NOT DETERMINED
OTHER SOLUBILITIES 1:1 v/v ETHANOL 96°

OTHER TECHNICAL DATA HEXADEC-9-EN-1,16-LACTONE > 97% (trans,
(10E)-OXACYCLOHEPTADEC-10-EN-2-ONE, TRANS-DELTA(9)-ISOAMBRETTOLIDE).

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.

PRODASYNTH SAS

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