

SPECIFICATION SHEET

VERSION 2 VERSION DATE 30/11/17 PRINT DATE 19/04/24

PRODUCT MYRCENE - NON REACH
APPLICATIONS Industrial raw material not intended for direct use.
IUPAC NAME 7-METHYL-3-METHYLENE-1,6-OCTADIENE
SYNONYMS BETA-MYRCENE

FORMULA $C_{10}H_{16}$
MOLECULAR WEIGHT 136
CAS 123-35-3
EINECS 204-622-5
FEMA 2762
CoE 2197
FDA 172.515
TARIFF NUMBER 2901290000
FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST

SPECIFICATIONS

ASPECT AT 20°C CLEAR MOBILE LIQUID
COLOUR COLORLESS TO PALE YELLOW
ODOUR ANISE,FRESH,BALSAMIC,SWEET,ETHEREAL
DENSITY AT 20°C (g / ml) 0,789-0,799
DENSITY 25/25 -
REFRACTIVE INDEX nD20 1,4660-1,4710
REFRACTIVE INDEX nD25 -
OPTICAL ROTATION (°) /
BOILING POINT (°C) 169°C
MELTING POINT (°C) -
FLASH POINT (°C) 50
ASSAY (% GC) >85%
ACID VALUE (mg KOH/g) -
SOLUBILITY NON MISCIBLE IN WATER - MISCIBLE IN ALCOHOL
VAPOUR PRESSURE < 7 mm Hg (20°C)
OTHER SOLUBILITIES SOLUBLE IN ETHANOL

OTHER TECHNICAL DATA MYRCENE + BETA-PINENE + LIMONENE + PSEUDOLIMONENE (C₁₀H₁₆ TERPENES) > 90%. MYRCENE CAN POLYMERIZE, IT IS NECESSARY TO DO A SOLUBILITY TEST 1:10 IN ETHANOL 96° BEFORE USE. PEROXIDES<20 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.
IT CONTAINS 0,05-0,1% OF TOCOPHEROL. 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.

PRODASYNTH SAS

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