

SPECIFICATION SHEET

VERSION 1 VERSION DATE 12/04/16 PRINT DATE 02/11/25

PRODUCT METHYL-5-PHENYL-2-HEXENAL (COCAL HEXENAL)

APPLICATIONS Industrial raw material not intended for direct use.

IUPAC NAME 5-METHYL-2-PHENYL-2-HEXENAL

SYNONYMS 5-METHYL-2-PHENYL-2-HEXYL ALDEHYDE, COCOA HEXENAL, ACETALDEHYDE BENZENE

FORMULA C₁₃ H₁₆ O **MOLECULAR WEIGHT** 188.27 **CAS** 21834-92-4 244-602-3 **EINECS** 3199 **FEMA** 10365 CoF FDΔ 172.515 TARIFF NUMBER 2912290090

FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST

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ASPECT AT 20°C CLEAR MOBILE LIQUID

COLOUR PALE YELLOW

ODOUR SWEET, CHOCOLATE, GREEN, ALDEHYDIC

 DENSITY AT 20°C (g / ml)
 0,965-0,975

 DENSITY 25/25
 0,970-0,976

 REFRACTIVE INDEX nD20
 1,5310-1,5360

REFRACTIVE INDEX nD25 –
OPTICAL ROTATION (°) /
BOILING POINT (°C) 290 - 291

FLASH POINT (°C) 104

ASSAY (% GC) SUM OF CIS AND TRANS ISOMERS > 97

ACID VALUE (mg KOH/g) < 10

SOLUBILITYINSOLUBLE IN WATERVAPOUR PRESSURENOT DETERMINEDOTHER SOLUBILITIESSOLUBLE IN ETHANOL 1:1

STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 18 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.