

SPECIFICATION SHEET

VERSION 2 **VERSION DATE** 18/02/16 **PRINT DATE** 04/11/25

PRODUCT PHENYL-2-BUTEN-2-AL (PETALSYNTH)

APPLICATIONS Industrial raw material not intended for direct use.

IUPAC NAME 2-PHENYL-2-BUTENAL

SYNONYMS COCOA BUTENAL, PHENYL-2 BUTEN-2 AL

 FORMULA
 C₁₀ H₁₀ O

 MOLECULAR WEIGHT
 146

 CAS
 4411-89-6

 EINECS
 224-567-0

 FEMA
 3224

 CoF
 670

TARIFF NUMBER 2912290090

FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST

SPECIFICATIONS

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ASPECT AT 20°C SLIGHT VISCOUS LIQUID
COLOUR COLORLESS TO PALE YELLOW
ODOUR COCOA, FILBERT, PEANUT, CHIPS

TASTE GREEN, VEGETATIVE, FLORAL, COCOA, NUTTY

DENSITY AT 20°C (g / ml) 1,029–1,039

DENSITY 25/25

REFRACTIVE INDEX nD20 1,5550-1,5660

REFRACTIVE INDEX nD25 OPTICAL ROTATION (°) /

BOILING POINT (°C) 177; 94°C (9 mm Hg)

FLASH POINT (°C) 105

ASSAY (% GC)

SOLUBILITY

VAPOUR PRESSURE

OTHER SOLUBILITIES

SUM OF ISOMERS > 98

INSOLUBLE IN WATER

NOT DETERMINED

SOLUBLE IN 'ETHANOL

STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 12 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.
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.