

SPECIFICATION SHEET

VERSION 2 VERSION DATE 18/02/16 PRINT DATE 12/05/26

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
CoE 670
TARIFF NUMBER 2912290090
FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST

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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) SUM OF ISOMERS > 98
SOLUBILITY INSOLUBLE IN WATER
VAPOUR PRESSURE NOT DETERMINED
OTHER SOLUBILITIES 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.

PRODASYNTH SAS

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