

## SPECIFICATION SHEET

VERSION 2      VERSION DATE 18/02/16      PRINT DATE 27/06/26

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 C<sub>10</sub> H<sub>10</sub> 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

## SPECIFICATIONS

VERSION 2      VERSION DATE 18/02/16

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

Capital : 1.100.000 Euros · R.C.S.: GRASSE B 349 236 372 00026 TVA FR 03 349 236 372 APE 2053 Z  
PI DES BOIS DE GRASSE 4 AV. JOSEPH HONORÉ ISNARD · 06130 GRASSE · FRANCE · Tel: +33 0493090011 · Fax: +33 0422130738 · e-mail: info@prodasynt.com