

SPECIFICATION SHEET

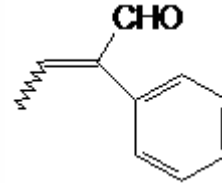
VERSION 2,00 **VERSION DATE** 19/09/22 **PRINT DATE** 17/07/24

PRODUCT 2-PHENYL-2-BUTENAL
APPLICATIONS Industrial raw material not intended for direct use.
IUPAC NAME 2-PHENYL-2-BUTENAL
SYNONYMS COCOA BUTENAL, 2-PHENYL CROTONALDEHYDE

FORMULA C10 H10 O
MOLECULAR WEIGHT 146,00
CAS 4411-89-6

EINECS 224-567-0

FEMA 3224
TARIFF NUMBER 2912290090



FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST
REACH REGISTRATION NO. Exempt from registration (imported/manufactured < 1 ton/year)

SPECIFICATIONS

ASPECT AT 20°C SLIGHT VISCOUS LIQUID
COLOUR COLORLESS TO PALE YELLOW
ODOUR COCOA, FILBERTS, PEANUTS, 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)
MELTING POINT (°C)
FLASH POINT (°C) 105,00
ASSAY (% GC) SUM OF ISOMERS > 98
ACID VALUE (mg KOH/g)
SOLUBILITY INSOLUBLE IN WATER
VAPOUR PRESSURE NOT DETERMINED
OTHER SOLUBILITIES SOLUBLE IN ETHANOL

OTHER TECHNICAL DATA

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.