

SPECIFICATION SHEET

СНО

VERSION 2,00 **VERSION DATE** 19/09/22 **PRINT DATE** 15/01/25

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 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)

SOLUBILITYINSOLUBLE IN WATERVAPOUR PRESSURENOT DETERMINEDOTHER SOLUBILITIESSOLUBLE 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.