

## SPECIFICATION SHEET

VERSION 3      VERSION DATE 11/11/20      PRINT DATE 29/08/25

PRODUCT	HELIONAL
APPLICATIONS	Industrial raw material not intended for direct use.
IUPAC NAME	ALPHA-METHYL-1,3-BENZODIOXOLE-5-PROPIONALDEHYDE
SYNONYMS	3-(3,4-METHYLENEDIOXYPHENYL)-2-METHYLPROPANAL, OCEAN PROPANAL, HELIONAL
FORMULA	C <sub>11</sub> H <sub>12</sub> O <sub>3</sub>
MOLECULAR WEIGHT	192,21
CAS	1205-17-0
EINECS	214-881-6
FEMA	4599
CoE	-
TARIFF NUMBER	2932990051

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ASPECT AT 20°C	CLEAR MOBILE LIQUID
COLOUR	COLORLESS TO PALE YELLOW
ODOUR	FRESH, FLORAL, MELON, OZONE, MARINE
DENSITY AT 20°C (g / ml)	1,159-1,167
DENSITY 25/25	1,157-1,165
REFRACTIVE INDEX nD20	1,5310-1,5380
REFRACTIVE INDEX nD25	1,533-1,54
OPTICAL ROTATION (°)	/
BOILING POINT (°C)	282
MELTING POINT (°C)	-
FLASH POINT (°C)	101
ASSAY (% GC)	> 98
ACID VALUE (mg KOH/g)	< 5
SOLUBILITY	ESSENTIALLY INSOLUBLE IN WATER
VAPOUR PRESSURE	NOT DETERMINED
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL
OTHER TECHNICAL DATA	OTHER SYNONYM: ALPHA-METHYL-3,4-METHYLENEDIOXYHYDROCINNAMALDEHYDE. COLOUR DARKENS WITH TIME.

## 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.  
IT MAY CONTAIN 0,1% OF TBHQ AS STABILIZER.

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