

SPECIFICATION SHEET

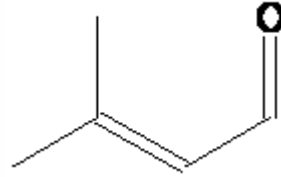
VERSION 1,00 **VERSION DATE** 12/09/17 **PRINT DATE** 03/10/22

PRODUCT PRENAL BASF
APPLICATIONS Raw material for industrial use intended for the manufacture of flavours and/or fragrances.
IUPAC NAME 3-METHYL-2-BUTENAL
SYNONYMS 3,3-DIMETHYLACRILALDEHYDE, PRENAL

FORMULA C5 H8 O
MOLECULAR WEIGHT 84,12
CAS 107-86-8

EINECS 203-527-6

FEMA 3646
TARIFF NUMBER 2912190090



FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST
REACH REGISTRATION NO. On request. REACH and non-REACH material available for this product.

SPECIFICATIONS

ASPECT AT 20°C	CLEAR MOBILE LIQUID
COLOUR	COLOURLESS TO PALE YELLOW
ODOUR	PUNGENT
TASTE	
DENSITY AT 20°C (g / ml)	-
DENSITY 25/25	-
REFRACTIVE INDEX nD20	1,4550 - 1,4700
REFRACTIVE INDEX nD25	0,8650 - 0,8850
OPTICAL ROTATION (°)	/
BOILING POINT (°C)	136
MELTING POINT (°C)	-20
FLASH POINT (°C)	37,00
ASSAY (% GC)	>96
ACID VALUE (mg KOH/g)	-
SOLUBILITY	110 g/L (20°C)
VAPOUR PRESSURE	7,5 mbar (20°C);40 mbar (50°C)
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 24 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 TECHNOLOGICAL REASONS. WE RECOMMEND NOT TO USE IT UNLESS FILTERED WHEN USED AS A RAW MATERIAL IN FOOD INTENDED FOR FINAL CONSUMERS.