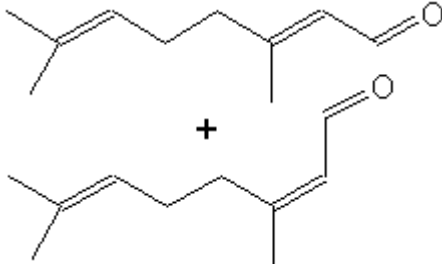


SPECIFICATION SHEET

VERSION 4,00 **VERSION DATE** 15/07/05 **PRINT DATE** 17/05/22

PRODUCT	CITRAL EXTRA BASF	
APPLICATIONS	Raw material for industrial use intended for the manufacture of flavours and/or fragrances.	
IUPAC NAME	3,7-DIMETHYL-2,6-OCTADIENAL	
SYNONYMS	3,7-DIMETHYL-2,6-OCTADIEN-1-AL (CIS+TRANS)	
FORMULA	C10 H16 O	
MOLECULAR WEIGHT	152,00	
CAS	5392-40-5	
EINECS	226-394-6	
FEMA	2303	
TARIFF NUMBER	2912190090	
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST	
REACH REGISTRATION NO.	01-2119462829-23	

SPECIFICATIONS

ASPECT AT 20°C	CLEAR MOBILE LIQUID
COLOUR	COLORLESS TO PALE YELLOW
ODOUR	STRONG, LEMON-LIKE
TASTE	CHARACTERISTIC, BITTER-SWEET
DENSITY A 20°C (g / ml)	0,878 - 0,893
DENSITY 25/25	0,875 - 0,890
REFRACTIVE INDEX nD20	1,4860 - 1,4900
REFRACTIVE INDEX nD25	-
OPTICAL ROTATION (°)	/
BOILING POINT (°C)	223 - 225°C (1013 hPa)
MELTING POINT (°C)	< -20
FLASH POINT (°C)	98,00
ASSAY (% GC)	> 96; NERAL>45, GERANIAL>45
ACID VALUE (mg KOH/g)	-
SOLUBILITY	SPARINGLY SOLUBLE IN WATER: 0,42 g/L (25°C)
VAPOUR PRESSURE	< 1 mbar (50°C)
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL

OTHER TECHNICAL DATA ISOMERS PROPORTION NERAL AND GERANIAL IS 1:1 APPROX.

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.