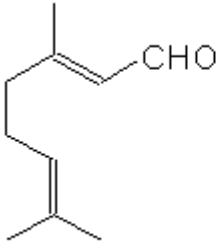
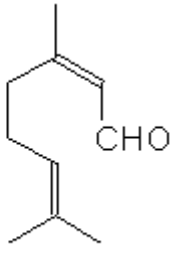


SPECIFICATION SHEET

VERSION	5,00	VERSION DATE	19/10/17	PRINT DATE	15/08/20
PRODUCT	CITRAL NATURAL (EX LITSEA)				
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				
PLANT OF ORIGIN	Litsea cubeba				
PART OF THE PLANT	FRUITS				
FORMULA	C ₁₀ H ₁₆ 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.	On request. REACH and non-REACH material available for this product.				
					
		GERANIAL	NERAL		

SPECIFICATIONS

ASPECT AT 20° C	CLEAR MOBILE LIQUID	
COLOUR	COLORLESS TO PALE YELLOW	
ODOUR	FRESH, LEMON PEEL	
TASTE	LEMON LIKE	
DENSITY A 20° C (g / ml)	0,885	- 0,894
DENSITY 25/25	-	
REFRACTIVE INDEX nD20	1,4850	- 1,4930
REFRACTIVE INDEX nD25	-	
OPTICAL ROTATION (°)	/	
BOILING POINT (°C)	-	
MELTING POINT (°C)	< -20	
FLASH POINT (°C)	92,00	
ASSAY (% GC)	> 95	
ACID VALUE (mg KOH/g)	-	
SOLUBILITY	SPARINGLY SOLUBLE IN WATER: 0,42 g/L (25°C)	
VAPOUR PRESSURE	< 1 mm Hg (20°C)	
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL	
OTHER TECHNICAL DATA	NERAL 30-45%. GERANIAL 53-68%.	

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 TECHNOLOGICAL REASONS. WE RECOMMEND NOT TO USE IT UNLESS FILTERED WHEN USED AS A RAW MATERIAL IN FOOD INTENDED FOR FINAL CONSUMERS.