

## SPECIFICATION SHEET

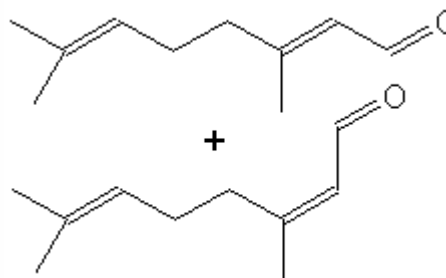
**VERSION** 5,00 **VERSION DATE** 19/09/22 **PRINT DATE** 17/07/24

**PRODUCT** CITRAL N BASF  
**APPLICATIONS** Industrial raw material not intended for direct use.  
**IUPAC NAME** 3,7-DIMETHYL-2,6-OCTADIENAL  
**SYNONYMS** 3,7-DIMETHYL-2,6-OCTADIENAL

**FORMULA** C10 H16 O  
**MOLECULAR WEIGHT** 152,00  
**CAS** 5392-40-5

**EINECS** 226-394-6

**FEMA** 2303  
**TARIFF NUMBER** 2912190090



**REACH REGISTRATION NO.** 01-2119462829-23

## SPECIFICATIONS

<b>ASPECT AT 20°C</b>	CLEAR MOBILE LIQUID
<b>COLOUR</b>	COLORLESS TO PALE YELLOW
<b>ODOUR</b>	LEMON-LIKE
<b>TASTE</b>	
<b>DENSITY AT 20°C (g / ml)</b>	0,878 - 0,893
<b>DENSITY 25/25</b>	0,875 - 0,890
<b>REFRACTIVE INDEX nD20</b>	1,4860 - 1,4900
<b>REFRACTIVE INDEX nD25</b>	-
<b>OPTICAL ROTATION (°)</b>	/
<b>BOILING POINT (°C)</b>	223 - 225°C (1013 hPa)
<b>MELTING POINT (°C)</b>	< -20
<b>FLASH POINT (°C)</b>	98,00
<b>ASSAY (% GC)</b>	NERAL > 45%; GERANIAL > 45%; SUM > 96%
<b>ACID VALUE (mg KOH/g)</b>	< 1
<b>SOLUBILITY</b>	SLIGHTLY SOLUBLE IN WATER (0.42 g/L at 25°C)
<b>VAPOUR PRESSURE</b>	< 1 mbar (50°C)
<b>OTHER SOLUBILITIES</b>	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.  
 IT DOES NOT CONTAIN ADDITIVES. 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.