



## SPECIFICATION SHEET

VERSION 2

VERSION DATE 14/05/10

<b>PRODUCT IUPAC NAME</b>	LINALOOL, NATURAL (EX BASIL OIL) (R) –(-)-3,7-DIMETHYL-1,6-OCTADIEN-3-OL
<b>PLANT OF ORIGIN</b>	Ocimum basilicum L ssp
<b>PART OF THE PLANT</b>	LEAVES AND FLOWERS
<b>FORMULA</b>	C <sub>10</sub> H <sub>18</sub> O
<b>MOLECULAR WEIGHT</b>	154
<b>CAS</b>	78-70-6
<b>CAS 2</b>	126-91-0
<b>EINECS</b>	201-134-4
<b>EINECS 2</b>	204 -811-2
<b>FEMA</b>	2635
<b>CoE</b>	61c
<b>FDA</b>	182.60
<b>TARIFF NUMBER</b>	2905220010
<b>FOOD GRADE CERTIFICATE</b>	AVAILABLE ON REQUEST
<b>REACH REGISTRATION NO.</b>	01-2119474016-42

## SPECIFICATIONS

<b>ASPECT AT 20°C</b>	MOBILE LIQUID
<b>COLOUR</b>	FROM COLORLESS TO PALE YELLOW
<b>ODOUR</b>	LIGHT, FRESH, FLORAL-WOODY
<b>DENSITY 25/25</b>	0,855– 0,87
<b>REFRACTIVE INDEX n<sub>D</sub>20</b>	1,455 – 1,47
<b>OPTICAL ROTATION °C</b>	-20 / -12
<b>BOILING POINT (°C)</b>	198
<b>MELTING POINT (°C)</b>	-
<b>FLASH POINT (°C)</b>	79
<b>ASSAY (%GC)</b>	> 97
<b>SOLUBILITY</b>	INSOLUBLE IN WATER
<b>VAPOUR PRESSURE</b>	NOT DETERMINED
<b>OTHER SOLUBILITIES</b>	SOLUBLE IN ETHANOL.
<b>OTHER TECHNICAL DATA</b>	PEROXIDES < 20 mmol/l.



**CHEMDONE**  
FROM IDEA TO PRODUCTION

## **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.

