

## SPECIFICATION SHEET

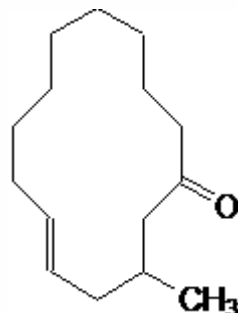
**VERSION** 1,00 **VERSION DATE** 19/09/22 **PRINT DATE** 23/04/24

**PRODUCT** COSMONE  
**APPLICATIONS** Industrial raw material not intended for direct use.  
**IUPAC NAME** (E/Z)-3-METHYL-5-CYCLOTETRADECEN-1-ONE  
**SYNONYMS**

**FORMULA** C15 H26 O  
**MOLECULAR WEIGHT** 220,40  
**CAS** 259854-70-1  
**CAS 2** 259854-71-2  
**EINECS** 452-280-2

**TARIFF NUMBER** 2914290090

**REACH REGISTRATION NO.** 01-0000019120-85



## SPECIFICATIONS

<b>ASPECT AT 20°C</b>	CLEAR MOBILE LIQUID
<b>COLOUR</b>	COLORLESS TO PALE YELLOW
<b>ODOUR</b>	MUSKY, POWDERY, AMBERY, WOODY
<b>TASTE</b>	
<b>DENSITY AT 20°C (g / ml)</b>	0,930 - 0,935
<b>DENSITY 25/25</b>	0,929 - 0,934
<b>REFRACTIVE INDEX nD20</b>	1,4850 - 1,4900
<b>REFRACTIVE INDEX nD25</b>	1,4830 - 1,4880
<b>OPTICAL ROTATION (°)</b>	/
<b>BOILING POINT (°C)</b>	258°C (1013 hPa)
<b>MELTING POINT (°C)</b>	<-50°C
<b>FLASH POINT (°C)</b>	134,00
<b>ASSAY (% GC)</b>	ISOMER1 60-70%, ISOMER2 20-30%, SUM ISOM >=86%
<b>ACID VALUE (mg KOH/g)</b>	-
<b>SOLUBILITY</b>	PRACTICALLY INSOLUBLE IN WATER (4,6 mg/L 20°C).
<b>VAPOUR PRESSURE</b>	0,009 hPa (20°C)
<b>OTHER SOLUBILITIES</b>	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.  
IT CONTAINS 0,05% OF TINOGARD TT (CAS 6683-19-8) AS ANTIOXIDANT.

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.