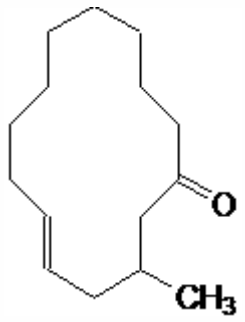
SPECIFICATION SHEET

VERSION 1,00 **VERSION DATE** 19/09/22 **PRINT DATE** 29/03/24

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

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