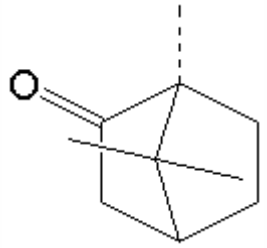
ventos
LEADERS IN ESSENCE

SPECIFICATION SHEET

VERSION 4,00 **VERSION DATE** 27/04/22 **PRINT DATE** 29/03/24

PRODUCT	CAMPHOR-D NATURAL
APPLICATIONS	Industrial raw material not intended for direct use.
IUPAC NAME	1,7,7-TRIMETHYLBICYCLO(2.2.1)HEPTAN-2-ONE
SYNONYMS	D-CAMPHOR, 1,7,7-TRIMETHYLBICYCLO(2.2.1)HEPTAN-2-ONE
PLANT OF ORIGIN	Cinnamomum camphora (L.) Prest
PART OF THE PLANT	WOOD
FORMULA	C10 H16 0
MOLECULAR WEIGHT	152,23
CAS	464-49-3
CAS 2	76-22-2
EINECS	207-355-2
EINECS 2	200-945-0
FEMA	2230
TARIFF NUMBER	2914290040
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST
REACH REGISTRATION NO.	On request. REACH and non-REACH material available for this product.



SPECIFICATIONS

ASPECT AT 20ºC	CRYSTALLINE POWDER
COLOUR	WHITE
ODOUR	WARM, MINT, HERBACEOUS
TASTE	CAMPHOR LIKE, MINTY, WOOD
DENSITY AT 20ºC (g / ml)	-
DENSITY 25/25	-
REFRACTIVE INDEX nD20	-
REFRACTIVE INDEX nD25	-
OPTICAL ROTATION (º)	40,00 / 43,00
BOILING POINT (ºC)	-
MELTING POINT (ºC)	174 - 179
FLASH POINT (ºC)	64,00
ASSAY (% GC)	> 96
ACID VALUE (mg KOH/g)	
SOLUBILITY	SOLUBILITY IN WATER: 0,12%
VAPOUR PRESSURE	0,18 mm Hg (20ºC)
OTHER SOLUBILITIES	SOLUBLE 1:1 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.

CAMPHOR VAPOR AND AIR MAY FORM AN EXPLOSIVE MIXTURE WHICH EXPLODES WITHIN THE LIMIT 0.6-3.5%

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