

SPECIFICATION SHEET

VERSION 4 VERSION DATE 27/04/22 PRINT DATE 17/07/24

PRODUCT	CAMPHRE-D NATUREL
APPLICATIONS	Industrial raw material not intended for direct use.
IUPAC NAME	1,7,7-TRIMETILBICICLO(2.2.1)HEPTAN-2-ONA
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	C ₁₀ H ₁₆ O
MOLECULAR WEIGHT	152,23
CAS	464-49-3
CAS 2	76-22-2
EINECS	207-355-2
EINECS 2	200-945-0
FEMA	2230
CoE	140c
FDA	172.515
TARIFF NUMBER	2914290040
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST

SPECIFICATIONS

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

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.

PRODASYNTH SAS

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