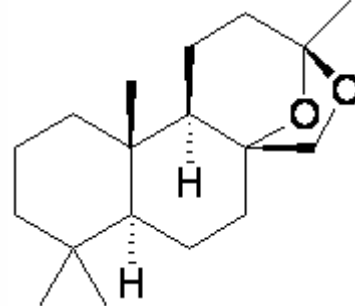


SPECIFICATION SHEET

VERSION	3,00	VERSION DATE	27/08/21	PRINT DATE	08/08/22
PRODUCT	Z11 MIP FIRMENICH 992964				
APPLICATIONS	Raw material for industrial use intended for the manufacture of flavours and/or fragrances.				
IUPAC NAME	3,8,8,11a-TETRAMETHYLDODECAHYDRO-5H-3,5a-EPOXY-NAPHT[2,1-C]OXEPIN (IN SOLV				
SYNONYMS	AMBER OXEPIN, AMBERKETAL, Z11, KETAMBER, AMBERMOR KETAL				
FORMULA	C18 H30 O2				
MOLECULAR WEIGHT	278,44				
CAS	57345-19-4				
EINECS	260-686-4				
TARIFF NUMBER	3302909000				
REACH REGISTRATION NO.	All the ingredients of the mixture have been registered or they are exempt from registration.				



SPECIFICATIONS

ASPECT AT 20°C	CLEAR MOBILE LIQUID/SOLID	
COLOUR	COLORLESS TO PALE YELLOW	
ODOUR	WOODY, AMBER, DRY	
TASTE		
DENSITY AT 20°C (g / ml)	0,867	- 0,877
DENSITY 25/25	-	
REFRACTIVE INDEX nD20	1,4380	- 1,4440
REFRACTIVE INDEX nD25	-	
OPTICAL ROTATION (°)	/	
BOILING POINT (°C)	-	
MELTING POINT (°C)	-	
FLASH POINT (°C)	101,00	
ASSAY (% GC)	APPROX. PERCENTAGES BY GC: SUM 4%; EPI ISOMER 1,5%	
ACID VALUE (mg KOH/g)	-	
SOLUBILITY	INSOLUBLE IN WATER	
VAPOUR PRESSURE	NOT DETERMINED	
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL	

OTHER TECHNICAL DATA	EXCELLENT STABILITY IN MOST MEDIA. TENACITY: 1 MONTH ON A BLOTTER. SUM OF TWO MAIN ISOMERS 4% APPROX. BY GC; ISOPROPYL MYRISTATE 90% IN WEIGHT.
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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.
PURGE HEADSPACE WITH NITROGEN TO AVOID OXIGEN AND MOISTURE. IF CRYSTALS APPEAR, HEAT AT 40°C APPROX.

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.