

## SPECIFICATION SHEET

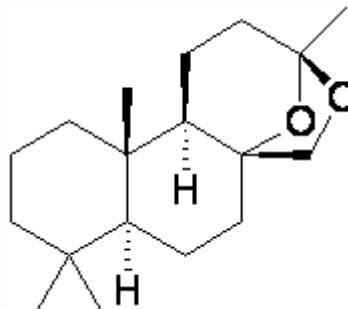
**VERSION** 1,00 **VERSION DATE** 11/03/22 **PRINT DATE** 10/05/24

**PRODUCT** Z11 HD FIRMENICH 992956  
**APPLICATIONS** Industrial raw material not intended for direct use.  
**IUPAC NAME** DODECAHYDRO-3,8,8,11a-TETRAMETHYL-5H-3,5a-EPOXYNAPHTH[2,1C]OXEPIN  
**SYNONYMS** AMBER OXEPIN, AMBERKETAL, AMBERMOR KETAL, Z11, KETAMBER

**FORMULA** C18 H30 O2  
**MOLECULAR WEIGHT** 278,36  
**CAS** 57345-19-4

**EINECS** 260-686-4

**TARIFF NUMBER** 2932990090



**REACH REGISTRATION NO.** Exempt from registration (imported/manufactured < 1 ton/year)

## SPECIFICATIONS

<b>ASPECT AT 20°C</b>	WET POWDER
<b>COLOUR</b>	WHITE TO PALE YELLOW
<b>ODOUR</b>	AMBER, WOODY, MUSKY
<b>TASTE</b>	
<b>DENSITY AT 20°C (g / ml)</b>	-
<b>DENSITY 25/25</b>	-
<b>REFRACTIVE INDEX nD20</b>	-
<b>REFRACTIVE INDEX nD25</b>	-
<b>OPTICAL ROTATION (°)</b>	/
<b>BOILING POINT (°C)</b>	-
<b>MELTING POINT (°C)</b>	110-123
<b>FLASH POINT (°C)</b>	196,00
<b>ASSAY (% GC)</b>	> 95%
<b>ACID VALUE (mg KOH/g)</b>	-
<b>SOLUBILITY</b>	INSOLUBLE IN WATER
<b>VAPOUR PRESSURE</b>	NOT DETERMINED
<b>OTHER SOLUBILITIES</b>	SOLUBLE IN ORGANIC SOLVENTS

**OTHER TECHNICAL DATA** CONTAINERS HAVE TO BE NITROGEN-CAPPED AFTER USE SINCE OXYGEN AND MOISTURE ABSORTION CAUSE DETERIORATION. USE ALUMINIUM OR EPOXY COATED STEEL CONTAINERS.

## STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 12 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.  
 PURGE HEADSPACE WITH NITROGEN.

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.