

## SPECIFICATION SHEET

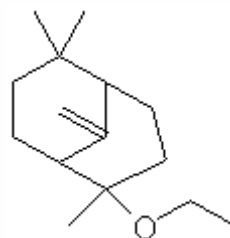
**VERSION** 1,00 **VERSION DATE** 19/09/22 **PRINT DATE** 05/05/24

**PRODUCT** PHYSEOL FIRMENICH 963479  
**APPLICATIONS** Industrial raw material not intended for direct use.  
**IUPAC NAME** 2-ETHOXY-2,6,6-TRIMETHYL-9-METHYLENE-BICYCLO[3.3.1]NONANE  
**SYNONYMS**

**FORMULA** C15 H26 O  
**MOLECULAR WEIGHT** 222,37  
**CAS** 68845-00-1

**EINECS** 272-447-1

**FEMA** -  
**TARIFF NUMBER** 3302909000  
**KOSHER CERTIFICATE** AVAILABLE ON REQUEST



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

## SPECIFICATIONS

<b>ASPECT AT 20°C</b>	CLEAR MOBILE LIQUID
<b>COLOUR</b>	COLORLESS
<b>ODOUR</b>	ORRIS, FLORAL, WOODY, AMBERGRIS
<b>TASTE</b>	
<b>DENSITY AT 20°C (g / ml)</b>	0,926 - 0,934
<b>DENSITY 25/25</b>	-
<b>REFRACTIVE INDEX nD20</b>	1,4810 - 1,4850
<b>REFRACTIVE INDEX nD25</b>	-
<b>OPTICAL ROTATION (°)</b>	/
<b>BOILING POINT (°C)</b>	-
<b>MELTING POINT (°C)</b>	-
<b>FLASH POINT (°C)</b>	89,00
<b>ASSAY (% GC)</b>	SUM OF ISOMERS > 85
<b>ACID VALUE (mg KOH/g)</b>	< 1
<b>SOLUBILITY</b>	INSOLUBLE IN WATER
<b>VAPOUR PRESSURE</b>	NOT DETERMINED
<b>OTHER SOLUBILITIES</b>	SOLUBLE IN ETHANOL

**OTHER TECHNICAL DATA** IT FITS PERFECTLY INTO THE VIOLET, FLORAL IONONE, WOODY AND POWDERY NOTES. IT BRINGS NATURALS RICHNESS AND 'FINISH' TO ALMOST ALL FRAGRANCE TYPES AND SHOULD BE TRIED BETWEEN 0,5-5%.

## 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.

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.