

## SPECIFICATION SHEET

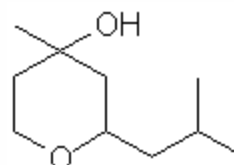
**VERSION** 1,00 **VERSION DATE** 19/09/23 **PRINT DATE** 05/05/24

**PRODUCT** PYRANOL BASF BMBcert  
**APPLICATIONS** Industrial raw material not intended for direct use.  
**IUPAC NAME** TETRAHYDRO-2-ISOBUTHYL-4-METHYLPYRAN-4-OL (ISOMERIC MIXTURE)  
**SYNONYMS** FLORIFFOL, FLOROL, PYRANOL, FLOROSA

**FORMULA** C10 H20 O2  
**MOLECULAR WEIGHT** 172,27  
**CAS** 63500-71-0

**EINECS** 405-040-6

**TARIFF NUMBER** 2932990090



**REACH REGISTRATION NO.** 01-2119455547-30

## SPECIFICATIONS

<b>ASPECT AT 20°C</b>	CLEAR VISCOUS LIQUID
<b>COLOUR</b>	COLORLESS TO PALE YELLOW
<b>ODOUR</b>	FRESH,SOFT,NATURAL,FLORAL,MUGUET
<b>TASTE</b>	
<b>DENSITY AT 20°C (g / ml)</b>	0,948 - 0,955
<b>DENSITY 25/25</b>	0,946 - 0,950
<b>REFRACTIVE INDEX nD20</b>	1,4550 - 1,4600
<b>REFRACTIVE INDEX nD25</b>	-
<b>OPTICAL ROTATION (°)</b>	/
<b>BOILING POINT (°C)</b>	226,9°C (1013,25 hPa)
<b>MELTING POINT (°C)</b>	< -100
<b>FLASH POINT (°C)</b>	106,00
<b>ASSAY (% GC)</b>	SUM > 98; CIS ISOMER 75-85%
<b>ACID VALUE (mg KOH/g)</b>	-
<b>SOLUBILITY</b>	SOLUBILITY IN WATER: 23,65 g/l (20°C, 1013hPa)
<b>VAPOUR PRESSURE</b>	0,01 hPa 20°C
<b>OTHER SOLUBILITIES</b>	SOLUBLE IN ETHANOL

**OTHER TECHNICAL DATA** MANUFACTURED FROM RENEWABLE FEEDSTOCK. PYRANOL CAN BE USED IN ALL PERFUME TYPES AS HARMONZER, PROVIDING A SMOOTH FLORALCY WITHOUT INTERFERRING WITH THE BASIC ACCORD OF THE FRAGRANCE. SUBSTANTIVITY > 3 DAYS.

## 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.  
ANTIOXIDANT D,L-ALPHA-TOCOPHEROL 250 ppm. 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.