

## SPECIFICATION SHEET

**VERSION** 3,00 **VERSION DATE** 19/09/22 **PRINT DATE** 06/05/24

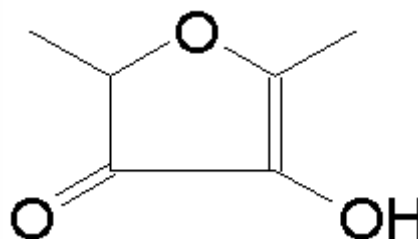
**PRODUCT** FURANEOL FIRMENICH 943881  
**APPLICATIONS** Industrial raw material not intended for direct use.  
**IUPAC NAME** 4-HYDROXY-2,5-DIMETHYL-3(2H)-FURANONE  
**SYNONYMS** FURANEOL

**FORMULA** C6 H8 O3  
**MOLECULAR WEIGHT** 128,00  
**CAS** 3658-77-3

**EINECS** 222-908-8

**FEMA** 3174  
**TARIFF NUMBER** 2932190090

**FOOD GRADE CERTIFICATE** AVAILABLE ON REQUEST  
**REACH REGISTRATION NO.** 01-2120754473-52



## SPECIFICATIONS

<b>ASPECT AT 20°C</b>	SOLID
<b>COLOUR</b>	WHITE TO PALE YELLOW
<b>ODOUR</b>	FRUITY, CARAMEL OR BURNT PINEAPPLE
<b>TASTE</b>	SWEET, FRUITY
<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>	> 75
<b>FLASH POINT (°C)</b>	110,00
<b>ASSAY (% GC)</b>	> 98%
<b>ACID VALUE (mg KOH/g)</b>	-
<b>SOLUBILITY</b>	INSOLUBLE IN WATER
<b>VAPOUR PRESSURE</b>	NOT DETERMINED
<b>OTHER SOLUBILITIES</b>	1 g IN 1 ml ETHANOL 95°. SOLUBLE IN PROPYLENE GLYCOL AND VEGETABLE OILS.

**OTHER TECHNICAL DATA** INFRARED SPECTRUM SIMILAR TO STANDARD. BULK DENSITY 0,4532 g/mL. RECOMMENDED USE ALL THE CONTENTS WHEN OPENING EVERY BAG. BAGS ARE INERTED WITH NITROGEN. KEEP OUT OF AIR/LIGHT. HYGROSCOPIC.

## 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.  
ONCE THE CONTAINER IS OPENED, RECOMMENDED STORE AS 20% SOL IN PG. 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.

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.