

SPECIFICATION SHEET

VERSION 3 VERSION DATE 19/09/22 PRINT DATE 15/09/25

PRODUCT	MALTOL
APPLICATIONS	Industrial raw material not intended for direct use.
IUPAC NAME	3-HYDROXY-2-METHYL-4-PYRONE
SYNONYMS	PALATONE, VELTOL, CORPS PRALINE
FORMULA	C ₆ H ₆ O ₃
MOLECULAR WEIGHT	126
CAS	118-71-8
EINECS	204-271-8
FEMA	2656
CoE	148
FDA	172.515
TARIFF NUMBER	2932990033
KOSHER CERTIFICATE	AVAILABLE ON REQUEST
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST

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ASPECT AT 20°C	CRYSTALLINE POWDER
COLOUR	WHITE TO BEIGE
ODOUR	SWEET, CARAMELLIC, COTTON CANDY
DENSITY AT 20°C (g / ml)	-
DENSITY 25/25	-
REFRACTIVE INDEX nD20	-
REFRACTIVE INDEX nD25	-
OPTICAL ROTATION (°)	/
BOILING POINT (°C)	-
MELTING POINT (°C)	160 - 164
FLASH POINT (°C)	110
ASSAY (% GC)	> 99
ACID VALUE (mg KOH/g)	-
SOLUBILITY	APPROX. 1 GRAM/82 mL WATER (1,2%)
VAPOUR PRESSURE	NOT DETERMINED
OTHER SOLUBILITIES	APPROX. 1 g IS SOLUBLE IN 21 mL OF ETHANOL; 80 mL OF GLYCERIN; 28 mL DE PROPYLENE GLYCOL.
OTHER TECHNICAL DATA	WATER < 0,5%; HEAVY METALS (AS Pb) < 10 ppm; RESIDUE ON IGNITION <0,2%.

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.
THIS PRODUCT CAN BE IN THE FORM OF LOOSE POWDER OR COMPACTED POWDER. BOTH OF THEM ARE CORRECT.

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.

PRODASYNTH SAS

Capital : 1.100.000 Euros · R.C.S.: GRASSE B 349 236 372 00026 TVA FR 03 349 236 372 APE 2053 Z

PI DES BOIS DE GRASSE 4 AV. JOSEPH HONORÉ ISNARD · 06130 GRASSE · FRANCE · Tel: +33 0493090011 · Fax: +33 0422130738 · e-mail: info@prodasynt.com