

SPECIFICATION SHEET

VERSION 3 VERSION DATE 19/09/22 PRINT DATE 21/12/25

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 $C_6H_6O_3$
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 n_D^{20} -
REFRACTIVE INDEX n_D^{25} -
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

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