

## SPECIFICATION SHEET

VERSION 3      VERSION DATE 19/09/22      PRINT DATE 01/09/24

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

## SPECIFICATIONS

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

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