

## **SPECIFICATION SHEET**

**VERSION** 3 **VERSION DATE** 19/09/22 **PRINT DATE** 02/11/25

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<sub>6</sub> H<sub>6</sub> O<sub>3</sub> **MOLECULAR WEIGHT** 126 **CAS** 118-71-8 204-271-8 **EINECS FEMA** 2656 148 CoF FDΔ 172.515 TARIFF NUMBER 2932990033

KOSHER CERTIFICATE AVAILABLE ON REQUEST FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST

## **SPECIFICATIONS**

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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.