

SPECIFICATION SHEET

VERSION 4 VERSION DATE 19/09/22 PRINT DATE 27/07/24

PRODUCT STRAWBERRY FURANONE
APPLICATIONS Industrial raw material not intended for direct use.
IUPAC NAME 4-HYDROXY-2,5-DIMETHYL-3(2H)-FURANONE
SYNONYMS FRAISION, FURANEOL, PINEAPPLE KETONE

FORMULA C₆ H₈ O₃
MOLECULAR WEIGHT 128
CAS 3658-77-3
EINECS 222-908-8
FEMA 3174
CoE 536
TARIFF NUMBER 2932190090
KOSHER CERTIFICATE AVAILABLE ON REQUEST
FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST

SPECIFICATIONS

ASPECT AT 20°C SOLID
COLOUR WHITE TO PALE YELLOW
ODOUR FRUITY, CARAMEL OR BURNT PINEAPPLE
TASTE SWEET, FRUITY
DENSITY AT 20°C (g / ml) -
DENSITY 25/25 -
REFRACTIVE INDEX nD20 -
REFRACTIVE INDEX nD25 -
OPTICAL ROTATION (°) /
BOILING POINT (°C) -
MELTING POINT (°C) 75-83
FLASH POINT (°C) 101
ASSAY (% GC) > 99,5
SOLUBILITY INSOLUBLE IN WATER
VAPOUR PRESSURE 0,032 mm Hg (25°C, estimated)
OTHER SOLUBILITIES 1 g IN 1 ml ETHANOL 95°. SOLUBLE IN PROPYLENE GLYCOL AND VEGETABLE OILS.

OTHER TECHNICAL DATA MOISTURE<0,05%. 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.

PRODASYNTH SAS

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