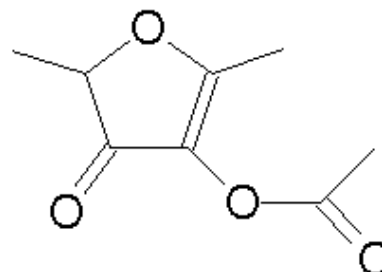


SPECIFICATION SHEET

PRODUCT	ACETOXY METHYL FURANONE BIOSYNTHETIC
APPLICATIONS	Industrial raw material not intended for direct use.
IUPAC NAME	4-ACETOXY-2,5-DIMETHYL-3(2H)- FURANONE
SYNONYMS	ACETOXY DIMETHYL FURANONE, FURANEOL ACETATE, FURANYL ACETATE
FORMULA	C ₈ H ₁₀ O ₄
MOLECULAR WEIGHT	170
CAS	4166-20-5
EINECS	435-910-0
FEMA	3797
TARIFF NUMBER	2932190090



SPECIFICATIONS

VERSION	1	VERSION DATE	09/05/25
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ASPECT AT 20°C	SLIGHT VISCOUS LIQUID
COLOUR	COLORLESS, YELLOW OR PINK
ODOUR	SWEET FRUITY OR MILKY CARAMEL
DENSITY AT 20°C (g / ml)	1,160–1,168
DENSITY 25/25	–
REFRACTIVE INDEX nD20	1,4760–1,4800
REFRACTIVE INDEX nD25	–
OPTICAL ROTATION (°)	/
BOILING POINT (°C)	258 - 260
FLASH POINT (°C)	119
ASSAY (% GC)	> 96
ACID VALUE (mg KOH/g)	< 5
SOLUBILITY	SLIGHTLY SOLUBLE IN WATER
VAPOUR PRESSURE	NOT DETERMINED
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL

STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 12 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.

PURGE HEADSPACE WITH NITROGEN. STORE IN SEALED CONTAINERS, IN A DARK, COOL AND DRY PLACE.

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.