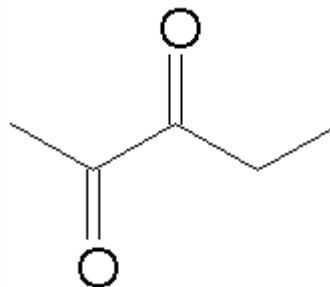


SPECIFICATION SHEET

VERSION	5,00	VERSION DATE	19/09/22	PRINT DATE	24/04/24
PRODUCT	2,3-PENTANEDIONE				
APPLICATIONS	Industrial raw material not intended for direct use.				
IUPAC NAME	2,3-PENTANEDIONE				
SYNONYMS	ACETYL PROPIONYL				
FORMULA	C5 H8 O2				
MOLECULAR WEIGHT	100,12				
CAS	600-14-6				
EINECS	209-984-8				
FEMA	2841				
TARIFF NUMBER	2914199090				
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST				
REACH REGISTRATION NO.	On request. REACH and non-REACH material available for this product.				



SPECIFICATIONS

ASPECT AT 20°C	CLEAR MOBILE LIQUID	
COLOUR	YELLOW	
ODOUR	BUTTER, CHEESE, PUNGENT	
TASTE		
DENSITY AT 20°C (g / ml)	0,954	- 0,964
DENSITY 25/25	0,952	- 0,962
REFRACTIVE INDEX nD20	1,4020	- 1,4060
REFRACTIVE INDEX nD25		-
OPTICAL ROTATION (°)		/
BOILING POINT (°C)	110 - 112	
MELTING POINT (°C)	-52	
FLASH POINT (°C)	18,00	
ASSAY (% GC)	> 98% (SUM OF TAUTOMERS DIKETONE+ENOL); KETO>93%	
ACID VALUE (mg KOH/g)	-	
SOLUBILITY	SLIGHTLY SOLUBLE IN WATER	
VAPOUR PRESSURE	NOT DETERMINED	
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL	

OTHER TECHNICAL DATA

STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 9 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.
KEEP REFRIGERATED AND AWAY FROM SOURCES OF IGNITION. 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.