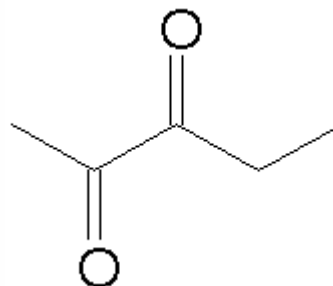


SPECIFICATION SHEET

VERSION	1,00	VERSION DATE	02/11/20	PRINT DATE	07/05/24
PRODUCT	2,3-PENTANEDIONE NATURAL FIRMENICH				
APPLICATIONS	Industrial raw material not intended for direct use.				
IUPAC NAME	2,3-PENTANEDIONE				
SYNONYMS	ACETYL PROPIONYL, 2,3-PENTANODIONE				
PLANT OF ORIGIN					
PART OF THE PLANT					
FORMULA	C5 H8 O2				
MOLECULAR WEIGHT	100,12				
CAS	600-14-6				
EINECS	209-984-8				
FEMA	2841				
TARIFF NUMBER	2914199090				
KOSHER CERTIFICATE	AVAILABLE ON REQUEST				
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST				
REACH REGISTRATION NO.	Exempt from registration (imported/manufactured < 1 ton/year)				



SPECIFICATIONS

ASPECT AT 20°C	CLEAR MOBILE LIQUID	
COLOUR	YELLOW TO DARK YELLOW	
ODOUR	BUTTER, CHEESE, PUNGENT	
TASTE		
DENSITY AT 20°C (g / ml)	0,953	- 0,968
DENSITY 25/25	0,952	- 0,967
REFRACTIVE INDEX nD20	1,4010	- 1,4070
REFRACTIVE INDEX nD25		-
OPTICAL ROTATION (°)		/
BOILING POINT (°C)	108	
MELTING POINT (°C)	-52	
FLASH POINT (°C)	18,00	
ASSAY (% GC)	> 98% (SUM OF TAUTOMERS DIKETONE+ENOL)	
ACID VALUE (mg KOH/g)	-	
SOLUBILITY	INSOLUBLE IN WATER	
VAPOUR PRESSURE	28,5 hPa (20°C)	
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 12 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.