

SPECIFICATION SHEET

VERSION 1,00 **VERSION DATE** 02/11/20 **PRINT DATE** 02/05/24

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

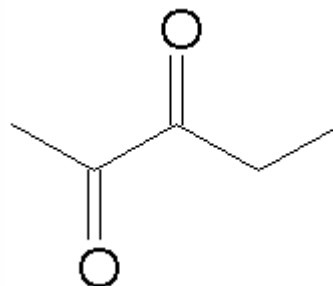
PLANT OF ORIGIN
PART OF THE PLANT

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 n_{D20}	1,4010	- 1,4070
REFRACTIVE INDEX n_{D25}		-
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.