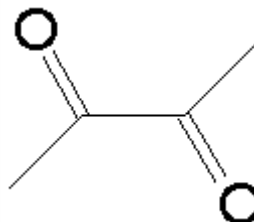


SPECIFICATION SHEET

VERSION	1,00	VERSION DATE	19/04/22	PRINT DATE	29/04/24
PRODUCT	DIACETYL NATURAL				
APPLICATIONS	Industrial raw material not intended for direct use.				
IUPAC NAME	2,3-BUTANEDIONE				
SYNONYMS	DIMETHYLDIKETONE, DIMETHYLGLYOXAL, BUTANODIONE				
PLANT OF ORIGIN					
PART OF THE PLANT					
FORMULA	C ₄ H ₆ O ₂				
MOLECULAR WEIGHT	86,00				
CAS	431-03-8				
EINECS	207-069-8				
FEMA	2370				
TARIFF NUMBER	2914199090				
KOSHER CERTIFICATE	AVAILABLE ON REQUEST				
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 TO YELLOWISH-GREEN	
ODOUR	SWEET, PUNGENT, BUTTERY, POWERFUL	
TASTE		
DENSITY AT 20°C (g / ml)	0,979	- 0,994
DENSITY 25/25	0,975	- 0,990
REFRACTIVE INDEX n_{D20}	1,3930	- 1,3970
REFRACTIVE INDEX n_{D25}		-
OPTICAL ROTATION (°)		/
BOILING POINT (°C)	86 - 90	
MELTING POINT (°C)	-4 / -2	
FLASH POINT (°C)	5,00	
ASSAY (% GC)	> 96	
ACID VALUE (mg KOH/g)	-	
SOLUBILITY	SOLUBILITY IN WATER: 20% w/w 25°C	
VAPOUR PRESSURE	65 mbar 20°C	
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL	
OTHER TECHNICAL DATA	ISOVALERALDEHYDE <0.3%. PURGE HEADSPACE WITH NITROGEN AND KEEP REFRIGERATED.	

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.
IT MUST BE HANDLED WITH THE SAME PRECAUTIONS AS PETROL. DECOMPOSES/POLYMERISES BY AIR CONTACT

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.