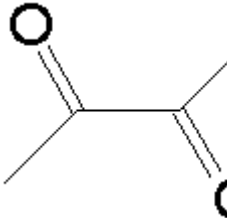


SPECIFICATION SHEET

VERSION 1,00 **VERSION DATE** 19/04/22 **PRINT DATE** 17/07/24

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	C4 H6 O2	
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 nD20	1,3930	- 1,3970
REFRACTIVE INDEX nD25		-
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.