

SPECIFICATION SHEET

VERSION 8 **VERSION DATE** 19/09/22 **PRINT DATE** 29/10/25

PRODUCT DIACETYL

APPLICATIONS Industrial raw material not intended for direct use.

IUPAC NAME 2.3-BUTANEDIONE

SYNONYMS DIMETHYLDIKETONE, DIMETHYLGLYOXAL, BUTANODIONE

 FORMULA
 C4 H6 O2

 MOLECULAR WEIGHT
 86

 CAS
 431-03-8

 EINECS
 207-069-8

 FEMA
 2370

 CoE
 752

 FDA
 184.1278

FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST

SPECIFICATIONS

TARIFF NUMBER

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ASPECT AT 20°C CLEAR MOBILE LIQUID

COLOUR YELLOWISH-GREEN

2914199090

ODOUR SWEET, PUNGENT, BUTTERY, POWERFUL

 DENSITY AT 20°C (g / ml)
 0,982-0,992

 DENSITY 25/25
 0,979-0,985

 REFRACTIVE INDEX nD20
 1,3930-1,3970

 REFRACTIVE INDEX nD25

 OPTICAL ROTATION (°)
 /

 BOILING POINT (°C)
 88

 MELTING POINT (°C)
 CA. -3

 FLASH POINT (°C)
 6

 ASSAY (% GC)
 > 97

ACID VALUE (mg KOH/g)

SOLUBILITY SOLUBILITY IN WATER: 20% w/w 25°C APROX.

VAPOUR PRESSURE 65 mbar 20°C

OTHER SOLUBILITIES SOLUBLE IN ETHANOL

OTHER TECHNICAL DATA

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.