

SPECIFICATION SHEET

VERSION 1,00 **VERSION DATE** 19/04/22 **PRINT DATE** 19/05/24

PRODUCT DIACETYL NATURAL
APPLICATIONS Industrial raw material not intended for direct use.
IUPAC NAME 2,3-BUTANEDIONE
SYNONYMS DIMETHYLDIKETONE, DIMETHYLGLYOXAL, BUTANODIONE

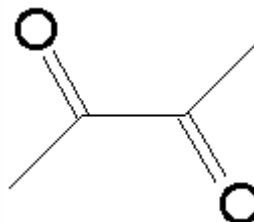
PLANT OF ORIGIN
PART OF THE PLANT

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 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.