

SPECIFICATION SHEET

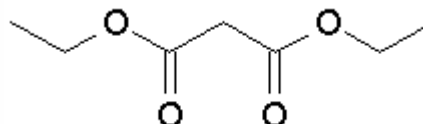
VERSION 3,00 **VERSION DATE** 19/04/21 **PRINT DATE** 28/04/24

PRODUCT DIETHYL MALONATE
APPLICATIONS Industrial raw material not intended for direct use.
IUPAC NAME DIETHYL MALONATE
SYNONYMS MALONIC ACID, DIETHYL ESTER; MALONATO DE ETILO

FORMULA C7 H12 O4
MOLECULAR WEIGHT 160,00
CAS 105-53-3

EINECS 203-305-9

FEMA 2375
TARIFF NUMBER 2917191020



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	COLORLESS
ODOUR	GREEN APPLE, FRUITY, LIQUOR
TASTE	-
DENSITY AT 20°C (g / ml)	1,049 - 1,059
DENSITY 25/25	1,053 - 1,056
REFRACTIVE INDEX nD20	1,4120 - 1,4160
REFRACTIVE INDEX nD25	-
OPTICAL ROTATION (°)	/
BOILING POINT (°C)	199
MELTING POINT (°C)	-50
FLASH POINT (°C)	90,00
ASSAY (% GC)	> 99
ACID VALUE (mg KOH/g)	<1/<0,05%MalonicAcid
SOLUBILITY	33,1 G/L IN WATER (20°C)
VAPOUR PRESSURE	NOT DETERMINED
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL

OTHER TECHNICAL DATA WATER CONTENTS < 0,05%

STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 24 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.

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.