

RE0065 N,N-Dimethyl-p-phenylenediamine dihydrochloride, for microbiology, according to Gordon & McLeod



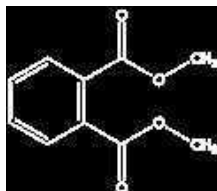
assay (acidimetric) min. 99 % oxidase test passes test
turbidity max. 3,5 N.T.U.

Store below 4°C

ART. NO.	VOLUME	CONTAINER
RE00650005	5 g	0

DIMETHYL PHTHALATE

FT0055 Dimethyl phthalate, EssentQ®



- Synonyms: Phthalic acid dimethyl ester
- $C_{10}H_{10}O_4$
- $M = 194,19 \text{ g/mol}$
- CAS [131-11-3]
- EINECS-No.: 205-011-6
- Density: $1,19 \text{ g/cm}^3$
- Solub. in water: (20 °C): non-miscible
- Melting point: $4 - 6 \text{ °C}$
- Boiling point: (5 hPa) $134 - 138 \text{ °C}$
- Flash pt. 150 °C
- Ignition temp.: 556 °C
- Vapour pressure: (20 °C) $0,008 \text{ hPa}$
- Refraction index: (n 25°C/D) $1,5137$
- LD 50 (oral, rat): 6800 mg/kg
- Tariff number: 2917 34 00 90
- Applications: analytical chemistry, synthesis of organic products, in the cellulose industry, insect repellent.

assay (G.C.) min. 99 %
identity (IR-spectrum) passes test
density (20°/4°) $1,188 - 1,191$
free acid [as $C_6H_4(COOH)_2$] max. 0,03 %
water (K.F.) max. 0,1 %

ART. NO.	VOLUME	CONTAINER
FT00551000	1 l	0

DIMETHYL SULFATE

SU0119 Dimethyl sulfate, EssentQ®

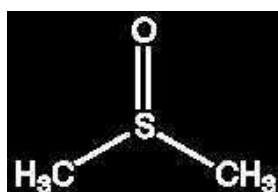


- Synonyms: Sulfuric acid dimethyl ester, Methyl sulfate
- $C_2H_6O_4S$
- $M = 126,13 \text{ g/mol}$
- CAS [77-78-1]
- EINECS-No.: 201-058-1
- Density: $1,33 \text{ g/cm}^3$
- Solub. in water: (18 °C): 28 g/l (hydrolysis reaction)
- Melting point: -32 °C
- Boiling point: $188,5 \text{ °C}$ (decomposes)
- Flash pt. 83 °C
- Ignition temp.: 188 °C
- Vapour pressure: (30 °C) $0,35 \text{ hPa}$
- Refraction index: (n 20 °C/D) $1,3865$
- LD 50 (oral, rat): 205 mg/kg
- EC-Index-No.: 016-023-00-4
- ADR: 6.1 TC1 | UN 1595
- IMDG: 6.1 | UN 1595
- IATA/ICAO: Forbidden UN 1595
- GHS-signal word: Danger
- GHS-H sentences: H301 - H330 - H350 - H341 - H314 - H317
- GHS-P sentences: P260 - P303 + P361 + P353 - P305 + P351 + P338 - P320 - P405 - P501a
- Tariff number: 2920 90 10 90
- Applications: analytical chemistry, synthesis of organic products, in biochemistry.

assay (G.C.) min. 99 %
identity (IR-spectrum) passes test
density (20°/4°) $1,325 - 1,327$
residue on ignition (as SO_2) max. 0,01 %
water (K.F.) max. 0,05 %

ART. NO.	VOLUME	CONTAINER
SU01191000	1 l	0

DIMETHYL SULFOXIDE



- Synonyms: DMSO, Sulfinyl bis(methane), Methylsulfoxide, Methylsulfinylmethane
- C_2H_6OS
- $M = 78,13 \text{ g/mol}$
- CAS [67-68-5]
- EINECS-No.: 200-664-3
- Density: $1,10 \text{ g/cm}^3$
- Solub. in water: (20 °C): miscible
- Melting point: $18,5 \text{ °C}$
- Boiling point: (33 hPa) $85 - 87 \text{ °C}$
- Flash pt. 95 °C

- Ignition temp.: $300 - 302 \text{ °C}$
- Vapour pressure: (20 °C) $0,6 \text{ hPa}$
- Refraction index: (n 20 °C/D) $1,48$
- LD 50 (oral, rat): 14500 mg/kg
- GHS-signal word: Warning
- GHS-H sentences: H315 - H319
- GHS-P sentences: P280 - P305 + P351 + P338 - P321 - P362 - P332 + P313 - P337 + P313
- Tariff number: 2930 90 99 99
- Applications: analytical chemistry, solvents, synthesis of organic products.