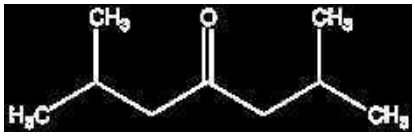
DIISOBUTYL KETONE

DI0810 Diisobutyl ketone, EssentQ®



- Synonyms: 2,6-Dimethyl-4-heptanone, Isobutyl ketone
- $C_9H_{18}O$
- M = 142,24 g/mol
- CAS [108-83-8]
- EINECS-No.: 203-620-1
- Density: 0,81 g/cm³
- Solub. in water: (20 °C): 0,5 g/l
- Melting point: -46 °C
- Boiling point: 168 °C
- Flash pt. 49 °C
- Ignition temp.: 345 °C
- Vapour pressure: (20 °C) 2,6 hPa
- Refraction index: (n 20 °C/D) 1,4143
- LD 50 (oral, rat): 5750 mg/kg
- EC-Index-No.: 606-005-00-X
- ADR: 3 F1 III UN 1157
- IMDG: 3 III UN 1157
- IATA/ICAO: 3 III UN 1157
- GHS-signal word: Warning
- GHS-H sentences: H226 - H335
- GHS-P sentences: P210 - P241 - P261 - P303 + P361 + P353 - P405 - P501a
- Tariff number: 2914 19 90 90
- Applications: analytical chemistry, synthesis of organic products.

total isomer content (G.C.) . . . . . .min. 98 %
identity (IR-spectrum) . . . . . .passes test
density (20°/4°). . . . . 0,807 - 0,811
free acid (as CH_3COOH) . . . . . .max. 0,01 %
copper (Cu) . . . . . .max. 0,2 ppm
iron (Fe) . . . . . .max. 0,5 ppm
lead (Pb). . . . . .max. 0,2 ppm
nickel (Ni) . . . . . .max. 0,2 ppm
residue on evaporation . . . . . .max. 0,005 %
water (K.F.). . . . . .max. 0,2 %

ART. NO.	VOLUME	CONTAINER
DI08101000	1 l	
DI08102500	2,5 l	

DIISOPROPANOLAMINE

- Synonyms: 1,1-Iminodi-2-propanol, Bis(2-hydroxypropyl)amine
- $C_6H_{15}NO_2$
- M = 133,19 g/mol
- CAS [110-97-4]
- EINECS-No.: 203-820-9
- Density: 0,99
- Solub. in water: (20 °C): 870 g/l
- Melting point: 36 - 42 °C
- Boiling point: 249 °C
- Flash pt. 135 °C
- Ignition temp.: 290 °C
- Vapour pressure: (20 °C) 0,02 hPa
- Refraction index: (n 16 °C/D) 1,4702
- LD 50 (oral, rat): 6720 mg/kg
- EC-Index-No.: 603-083-00-7
- GHS-signal word: Warning
- GHS-H sentences: H319
- GHS-P sentences: P280 - P264 - P305 + P351 + P338 - P337 + P313
- Tariff number: 2922 19 80 90
- Applications: synthesis of organic products, for pharmaceutical use.

DI0825 Diisopropanolamine, EssentQ®

assay (acidimetric, referred to dried sample). . . . . .min. 98 %
identity (IR-spectrum) . . . . . .passes test
water (K.F.). . . . . .max. 0,5 %

ART. NO.	VOLUME	CONTAINER
DI0825025P	25 kg	

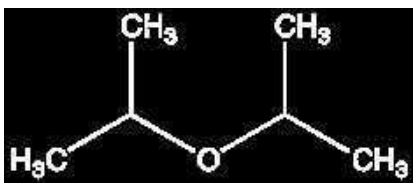
DI0827 Diisopropanolamine, extra pure, Pharmpur®, NF

assay (acidimetric, referred to dried sample). . . . . 98,0 - 102,0 %
identification . . . . . .passes test
triisopropanolamine. . . . . .max. 1,0 %
water (K.F.). . . . . .max. 0,50 %

Elemental impurities are analysed according to guideline CHMP/ICH/353369/2013.
Residual solvents are analysed according to guideline CPMP/ICH/283/95.

ART. NO.	VOLUME	CONTAINER
DI08271000	1 kg	
DI0827025P	25 kg	

DIISOPROPYL ETHER



- Synonyms: Isopropyl ether, 2,2'-Oxybis[propane], 2,2-Propoxypropane
- $C_6H_{14}O$
- M = 102,18 g/mol
- CAS [108-20-3]
- EINECS-No.: 203-560-6
- Density: 0,72 g/cm³
- Solub. in water: (20 °C): 12 g/l
- Melting point: -86 °C
- Boiling point: 67 - 70 °C
- Flash pt. -28 °C
- Ignition temp.: 405 °C
- Vapour pressure: (20 °C) 175 hPa
- Dielectric const.: (25 °C) 3,8
- LD 50 (oral, rat): 8470 mg/kg
- EC-Index-No.: 603-045-00-X [2]
- ADR: 3 F1 II UN 1159
- IMDG: 3 II UN 1159
- IATA/ICAO: 3 II UN 1159
- GHS-signal word: Danger
- GHS-H sentences: H225 - H336 - EUH019 - EUH066
- GHS-P sentences: P210 - P241 - P261 - P303 + P361 + P353 - P405 - P501a
- Tariff number: 2909 19 00 90
- Applications: analytical chemistry, solvents.