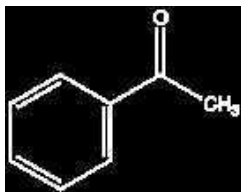


ACETOPHENONE

AC0300 Acetophenone, EssentQ®



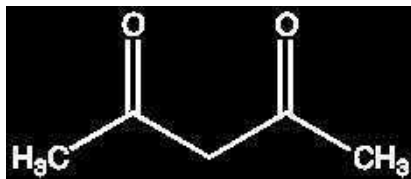
- Synonyms: Methyl phenyl ketone, Phenyl methyl ketone
- C_8H_8O
- $M = 120,15 \text{ g/mol}$
- CAS [98-86-2]
- EINECS-No.: 202-708-7
- Density: $1,03 \text{ g/cm}^3$
- Solub. in water: (20 °C): 5,5 g/l
- Melting point: 20 °C
- Boiling point: 202 °C
- Flash pt. 77 °C
- Ignition temp.: 570 °C
- Vapour pressure: (20 °C) 0,4 hPa
- Refraction index: (n 20 °C/D) 1,5339
- Dielectric const.: (20 °C) 8,6
- LD 50 (oral, rat): 815 mg/kg
- EC-Index-No.: 606-042-00-1
- ADR: Not regulated/IMDG: Not regulated
- ATA/ICAO: 9 UN 3334
- GHS-signal word: Warning
- GHS-H sentences: H302 - H319
- GHS-P sentences: P280 - P264 - P270 - P305 + P351 + P338 - P337 + P313 - P501a
- Tariff number: 2914 39 00 90
- Applications: perfumery, synthesis of organic products, synthesis of polymers.

assay (G.C.) min. 99 %
 identity (IR-spectrum) passes test
 density (20°/4°) 1,025 - 1,028
 free acid (as C_6H_5COOH) max. 0,05 %
 water (K.F.) max. 0,1 %

ART. NO.	VOLUME	CONTAINER
AC03001000	1 l	0

ACETYLACETONE

AC0220 Acetylacetone, EssentQ®



- Synonyms: 2,4-Pentanedione, ACAC
- $C_5H_8O_2$
- $M = 100,12 \text{ g/mol}$
- CAS [123-54-6]
- EINECS-No.: 204-634-0
- Density: $0,97 \text{ g/cm}^3$
- Solub. in water: (20 °C): 200 g/l
- Melting point: -23 °C
- Boiling point: 140 °C
- Flash pt. 34 °C
- Ignition temp.: 335 °C
- Vapour pressure: (20 °C) 9 hPa
- Refraction index: (n 20 °C) 1,4510
- Dielectric const.: (20 °C) 25,7
- LD 50 (oral, rat): 575 mg/kg
- EC-Index-No.: 606-029-00-0
- ADR: 3 FT1 III UN 2310
- IMDG: 3 III UN 2310
- IATA/ICAO: 3 III UN 2310
- GHS-signal word: Warning
- GHS-H sentences: H226 - H302
- GHS-P sentences: P210 - P241 - P280 - P240 - P303 + P361 + P353 - P501a
- Tariff number: 2914 19 90 90
- Applications: synthesis of organic products, as gasoline additive, in lubricant compositions, insecticide.

assay (G.C.) min. 99 %
 identity (IR-spectrum) passes test
 density (20°/4°) 0,972 - 0,974
 residue on evaporation max. 0,005 %
 water (K.F.) max. 0,1 %

ART. NO.	VOLUME	CONTAINER
AC02200250	250 ml	0
AC02201000	1 l	0

A

B

C

D

E

F

G

H

I

J

K

L

M

N

O

P

Q

R

S

T

U

V

W

X

Y

Z

82