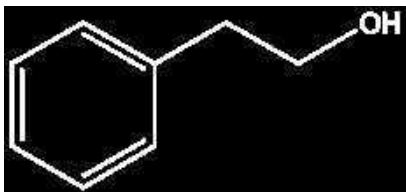


2-PHENYLETHANOL

AL0245 2-Phenylethanol, EssentQ®



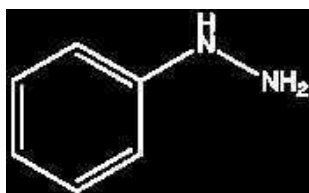
- Synonyms: Phenethyl alcohol, Benzylcarbinol
- $C_8H_{10}O$
- $M = 122,17 \text{ g/mol}$
- CAS [60-12-8]
- EINECS-No.: 200-456-2
- Density: $1,02 \text{ g/cm}^3$
- Solub. in water: (20 °C): slightly miscible
- Melting point: -27 °C
- Boiling point: $218 - 220 \text{ °C}$
- Flash pt. 102 °C
- Ignition temp.: 410 °C
- Vapour pressure: (20 °C) $0,08 \text{ hPa}$
- Refraction index: (n 20°C/D) $1,531$
- LD 50 (oral, rat): 2230 mg/kg
- ADR: 6.1 T1 III UN 2810
- IMDG: 6.1 III UN 2810
- IATA/ICAO: 6.1 III UN 2810
- GHS-signal word: Danger
- GHS-H sentences: H311 - H302 - H319
- GHS-P sentences: P280 - P305 + P351 + P338 - P361 - P322 - P405 - P501a
- Tariff number: 2906 29 00 90
- Applications: for pharmaceutical use and perfumery.

assay (G.C.) min. 99 %
identity (IR-spectrum) passes test
density (20°/4°) 1,019 - 1,020

ART. NO.	VOLUME	CONTAINER
AL02450250	250 ml	0
AL02451000	1 l	0
AL0245005P	5 l	P

PHENYLHYDRAZINE

FE0315 Phenylhydrazine, EssentQ®



- Synonyms: Hydrazinobenzene
- $C_6H_8N_2$
- $M = 108,14 \text{ g/mol}$
- CAS [100-63-0]
- EINECS-No.: 202-873-5
- Solub. in water: (25 °C): 145 g/l
- Melting point: $19,6 \text{ °C}$
- Boiling point: 244 °C
- Flash pt. 86 °C
- Ignition temp.: 195 °C
- Vapour pressure: (20 °C) $0,1 \text{ hPa}$
- LD 50 (oral, rat): 188 mg/kg
- EC-Index-No.: 612-023-00-9
- ADR: 6.1 T1 II UN 2572
- IMDG: 6.1 II UN 2572
- IATA/ICAO: 6.1 II UN 2572
- GHS-signal word: Danger
- GHS-H sentences: H301 - H311 - H331 - H350 - H372 - H341 - H400 - H315 - H319 - H317
- GHS-P sentences: P260 - P305 + P351 + P338 - P361 - P321 - P405 - P501a
- Tariff number: 2928 00 90 90
- Applications: analytical chemistry, laboratory reagent (sugars, aldehydes, ketones), manufacture of dyes, stabilizer (Explosive).
- Appearance: Reddish-brown liquid

assay (titration with $HClO_4$) min. 95 %
identity (IR-spectrum) passes test
density (20°/4°) 1,096 - 1,099
residue on ignition max. 0,005 %

ART. NO.	VOLUME	CONTAINER
FE03150100	100 ml	0

ortho-PHOSPHORIC ACID, 85%

- Synonyms: Orthophosphoric acid
- H_3PO_4
- $M = 98,00 \text{ g/mol}$
- CAS [7664-38-2]
- EINECS-No.: 231-633-2
- Density: $1,71 \text{ g/cm}^3$
- Solub. in water: (20 °C): miscible
- Melting point: $\sim 21 \text{ °C}$

- Boiling point: $\sim 158 \text{ °C}$
- Vapour pressure: (25 °C) $2,2 \text{ hPa}$
- LD 50 (oral, rat): 1530 mg/kg (anhydrous substance)
- EC-Index-No.: 015-011-00-6
- ADR: 8 C1 III UN 1805
- IMDG: 8 III UN 1805
- IATA/ICAO: 8 III UN 1805
- GHS-signal word: Danger

- GHS-H sentences: H314
- GHS-P sentences: P260 - P303 + P361 + P353 - P305 + P351 + P338 - P321 - P405 - P501a
- Tariff number: 2809 20 00 00
- Applications: analytical chemistry, laboratory reagent, in fertilizer compositions, solvents (for pharmaceutical use), antioxidant (in food industry).