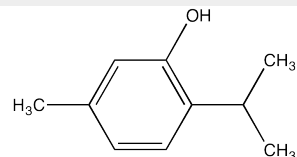


Identification

C₁₀H₁₄O
 M = 150,22 g/mol
 CAS [89-83-8]
 EC number: 201-944-8
 Taric code: 2907 19 00


Synonyms

5-Methyl-2-(1-methylethyl)phenol, 5-Methyl-2-isopropyl-1-phenol

Applications

for pharmaceuticals synthesizing, antiseptic, disinfectant, cosmetics, manufacture of dyes, in pharma industry.

Specifications

assay (G.C.).....	99,0 - 101,0 %	melting range	48 - 51 °C
identity (IR-spectrum).....	passes test	appearance of solution.....	passes test
Identification C (EP).....	passes test	acidity.....	passes test
Identification D (EP).....	passes test	related substances (G.C.).....	max. 1,0 %
		residue on evaporation.....	max. 0,05 %

Physical data

- Spec. Density: 0,97 g/cm³
- Bulk density: ~ 600 kg/m³
- Solub. in water: (25 °C): 0,98 g/l
- Melting point: 49 - 51 °C
- Boiling point: 233 °C
- Flash point: 100 °C
- Ignition temperature: 285 °C
- Vapour pressure: (50 °C) 2,5 hPa
- Viscosity: (50 °C) ~ 4,3 mPas
- Expl. limit (lower): 1,4 Vol%
- pH(0,8 g/l H₂O, 20 °C) 5 - 7

Safety - GHS

Signal Word: Danger

Hazard Statements:

H314: Causes severe skin burns and eye damage.
 H302: Harmful if swallowed.
 H411: Toxic to aquatic life with long lasting effects.


Precautionary Statements:

P260: Do not breathe dust / fume / gas / mist / vapours / spray.
 P303+P361+P353: IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P310: Immediately call a POISON CENTER or doctor / physician.
 P405: Store locked up.
 P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 8 C4 III • UN 2430 • ALKYLPHENOLS, SOLID, N.O.S.
- IMDG: 8 III • UN 2430 • ALKYLPHENOLS, SOLID, N.O.S.
- IATA/ICAO: 8 III • UN 2430 • ALKYLPHENOLS, SOLID, N.O.S.
- PAX: 822
- CAO: 823
- 10°C - 30°C