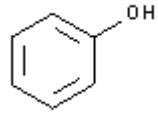
PanReac AppliChem ITW Reagents

PRODUCT CODE: 134852

Phenol crystalline for analysis, ACS

C_6H_6O
C_6H_6O



M.= 94,11 CAS [108-95-2] EINECS 203-632-7
TARIC 2907 11 00 00

SYNONYMS: Carbolic Acid, Hydroxybenzene, Oxybencene, Phenic Acid, Phenyl Hydroxyde, Phenylic Acid

PHYSICAL DATA: crystalline mass, crystals, White, Soluble in water 90 g/l at 20 °C Hygroscopic • M.P.: 40,85 °C • B.P.: 182 °C • pH5 • Flash P.:79 °C • Ign. T.:605 °C • Vap. press. (25 °C) 40,7 hPa • Expl. limit1,7 %(V)8,6 %(V) •

BIBLIOGRAPHY: Merck Index **13,** 7.323 Sax **PDN**750 • Safety **2 , 2745 A** • Römp **8 , 3126** • Kühn-Birett **P** 11 • Ullmann **(4.)**18 , 177 • Beilstein **6 , 110 I , 70 II , 116 III ,505 IV , 531** • BRN 969616 • ACS **XI** • BP**.2018** • USP **41** • Ph. Eur. **8.0** (2014) **9.0** (2017) 6.3 •

HAZARDOUS: C.E: 604-001-00-2 • RTECS: SJ 3325000 • LD L0 oral man 140 mg/kg • LD L0 hmn 14g/Kg • LD50 oral rat 317 mg/kg • LC50 rat 316mg/m3 • LD50 skn rbt 850 mg/kg • LD50 skn rat 669 mg/kg • LD50 ipr mus 180 mg/kg VLA-ED 2 ppm20 mg/m3

H: H331 • H311 • H301 • H314 • H373 • H341 •
P: P201 • P202 • P260 • P261 • P264 • P501 • P270 • P271 • P280 • P281 • P301+P310 • P301+P330+P331 • P302+P352 • P303+P361+P353 • P304+P340 • P305+P351+P338 • P308+P313 • P310 • P311 • P312 • P314 • P321 • P322 • P330 • P338 • P361 • P363 • P403+P233 • P405 •

TRANSPORT REGULATIONS: UN: 1671 • ADR: 6.1/II • IMDG: 6.1/II • IATA: 6.1/II • PAX: 669 • CAO: 676 • (D/E) •

OBSERVATIONS: Not recommended in areas with a very hot climate • Storage away from direct light. •

SPECIFICATIONS:

Minimum assay (G.C.)	99,5%
Identity :	
Identity	IR passes test
Freezing point (a.d.s.)	>= 40,5°C
Maximum limit of impurities	
Insoluble matter in H2O	passes test
Non-volatile matter	0,01 %
Chloride (Cl)	0,0005%
m-Cresol (G.C.)	0,05%
o-Cresol (G.C.)	0,05%
p-Cresol (G.C.)	0,05%
Water (H2O)	0,2 %
Ca	0,00005 %
Cd	0,000005 %
Co	0,000002 %
Cr	0,000005 %
Fe	0,00005 %
Mg	0,00001 %
Mn	0,000002 %
Ni	0,000002 %
Pb	0,00001 %
Zn	0,00005 %