

PM

Boiling point data of some organic compounds:

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Formic Acid: 100°C .

Acetic Acid: 118°C .

Methyl Alcohol: 65°C .

Ethyl Alcohol: 78°C .

Benzene: 80°C .

Toluene: 110°C .

Cyclohexane: 80°C .

p/m/o-xylene: $137^{\circ}\text{C}/139^{\circ}\text{C}/142^{\circ}\text{C}$.

Acetaldehyde: 21°C .

Propanal: 49°C .

Acetone: 56°C .

Benzaldehyde: 179°C .

Acetophenone: 202°C .

O=C(O)c1ccccc1: 196°C .

Ethylamine: 18°C .

Diethylamine: 55°C .

Triethylamine: 89°C .

Aniline: 183°C .

CN(C)C1=CC=CC=C1: 197°C .

Nitromethane: 101°C .

Nitroethane: 114°C .

Nitrobenzene: 210°C .

Phenol: 181°C .

O-Cresol: 190°C .

p-Cresol: 201°C .

Methyl
Salicylate: 224°C .

n-butyric
acid: 163°C .

Formaldehyde: 98°C .

Pentaery-
thritol: 253°C .

Glycerol: 290°C .

Ethylene
glycol: 197°C .

Cyclohex-
anol: 160°C .

Formaldehyde: -19°C .

CH_3Br : 3.56°C .

CH_3I : 42°C .

CH_3F : -78.4°C .

CO_2 : 370°C .

Boiling point of different liquids / organic compound (NEERT).

(2)

a) $\text{Cl}_3\text{CCl}_2\text{CH}_2\text{Br}$: 375K.

b) $\text{Cl}_3\text{CCl}_2\text{CH}_2\text{Br}$: 364K.

c) $\text{CH}_3\text{C}(\text{CH}_3)_2\text{Br}$: 346K.

d) C_6H_6 / C_6H_6 / C_6H_6 : 453 / 446 / 446K.

e) n-butane : 273K.

f) Methoxy ethane : 281K.

g) Propanol : 322K.

h) Acetone : 329K.

i) Propan-1-ol : 370K.

j) $\text{C}_4\text{H}_9\text{NH}_2$: 351K.

k) $(\text{C}_2\text{H}_5)_2\text{NH}$: 329K.

l) $\text{C}_2\text{H}_5\text{N}(\text{C}_2\text{H}_5)_2$: 310.5K.

m) $\text{C}_2\text{H}_5\text{CH}(\text{C}_2\text{H}_5)_2$: 301K.

n) $\text{C}_4\text{H}_9\text{OH}$: 390K.

o) CH_3Cl : -24.2°C

p) CH_2Cl_2 : 39.6°C

q) CHCl_3 : 61.2°C

r) CCl_4 : 76.72°C

$\text{C}_6\text{H}_5\text{COOH}$ (Benzoic acid) : 249.2°C

C_{10}H_8 : Naphthalene : 218°C

$\text{C}_{14}\text{H}_{10}$: Anthracene : 340°C

Et-O-Et : (Diethyl ether) : 34.6°C

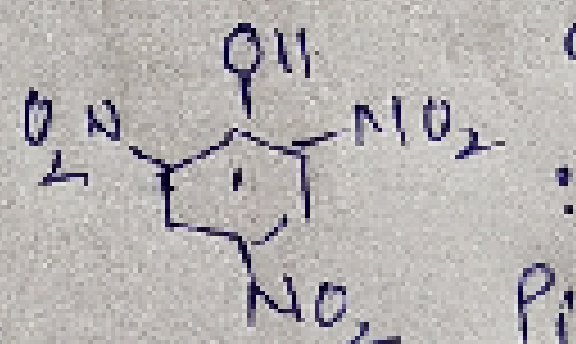
CH_3COCH_3 : (Acetone) : 221.3°C

CH_3COOH : (Acetic Acid) : 118°C

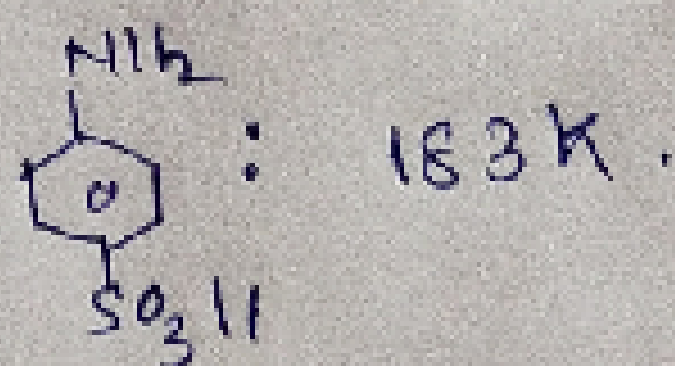
CH_3NH_2 : Methyl amine : -6.3°C

$(\text{CH}_3)_2\text{NH}$: Dimethyl amine : 7°C

$(\text{CH}_3)_3\text{N}$: Trimethyl amine : 2.9°C



Picric Acid : 730°C



C_6H_6 : 183K

C_7H_8 : 184K

C_8H_{10} : 231K

C_9H_{12} : 273K

$\text{C}_{10}\text{H}_{14}$: 309K

C_6H_4 : 342K

C_7H_6 : 371K

C_8H_8 : 399K

C_9H_{10} : 423K