

## 4.2.5 Boiling and melting point of various process fluids at 1013.25 mbar

Fluid or gas	Boiling point +C	Melting point +C
Ethyl alcohol	78.3	-114.5
Ammonia	- 33.4	- 77.7
Ethyl ether	+ 34.5	- 116.3
Acetone	+ 56.1	- 94.3
Acetylene	- 83.6	- 81
Benzol	+ 80.1	+ 5.5
Bromium	+ 58.8	- 7.3
Chlorine	- 35.0	- 103
Chloroform	+ 61.20	-63.5
Acetic acid	+ 118	+ 16.7
Fluorine	- 188	- 220
Glycerine	+ 290	+ 16
Helium	- 268.9	-
Hydrogen iodide	- 36	- 51
Sodium chloride	+ 1413	+ 770
Carbon oxide	- 191.5	- 205
Carbon dioxide	-78.5	- 56
Air (without CO )	- 194	-
Methane	- 161.7	- 182.5
Methyl alcohol	+ 64.5	- 98
Naphtalene	+ 218	+ 80.1
Sodium chloride	+ 1440	+ 802
Nitrobenzol	+ 210.9	+ 5.7
Paraffine	+ 300	+ 54
Phosphorus	+ 280	+ 44.1
Mercury	+ 356.95	- 38.83
Oxygen	- 182.97	- 218.83
Carbon disulphide	+ 46.25	- 112
Sulphuric acid	-	+ 10.5
Nitrogen	- 195.81	- 210.02
Toluol	+ 110.7	- 95
Water	+ 100	0.0
Hydrogen	- 252.78	- 259.20