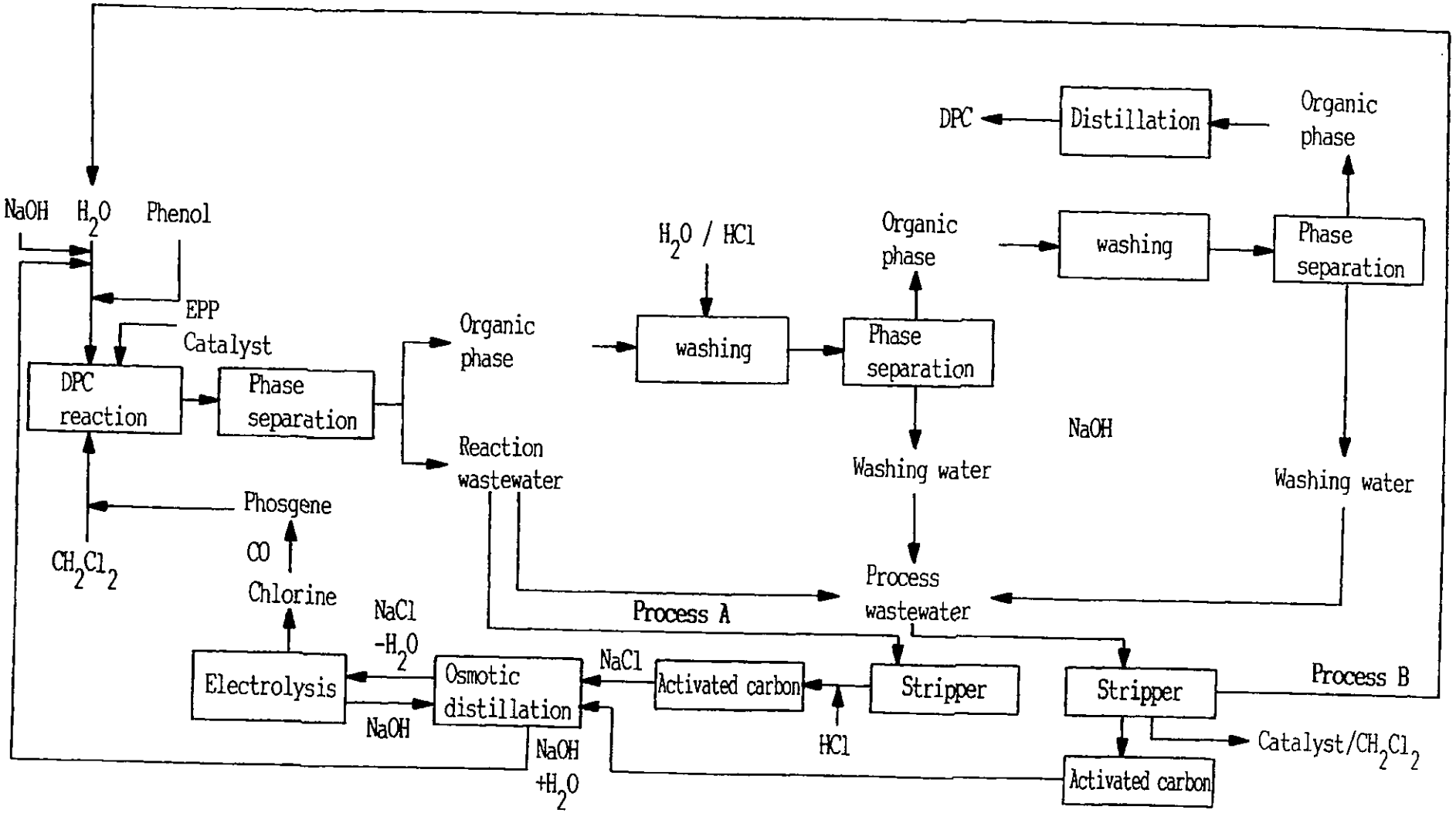
NaOH
H_2O
Phenol
EPP
Catalyst
DPC reaction
Phase separation
Organic phase
Reaction wastewater
H_2O / HCl
washing
Phase separation
Organic phase
washing
Phase separation
Distillation
DPC
Organic phase
NaOH
Washing water
Washing water
Process wastewater
Process A
Process B
Phosgene
CO
Chlorine
CH_2Cl_2
Electrolysis
NaCl
$-H_2O$
NaOH
Osmotic distillation
NaCl
Activated carbon
HCl
Stripper
Stripper
Catalyst/CH_2Cl_2
Activated carbon
NaOH
$+H_2O$

Figure 1