

# Cancer Causing Chemicals Identified in Cigarettes

## Drugs and Alcohol

Acetaldehyde  
Acetamide  
Acrylamide  
Acrylonitrile  
2-Amino-3,4-dimethyl-3H-imidazo[4,5-f]quinoline (MeIQ)  
3-Amino-1,4-dimethyl-5H-pyrido[4,3-b]indole (Trp-P-1)  
2-Amino-1-methyl-6-phenyl-1H-imidazo[4,5-b]pyridine (PhIP)  
2-Amino-6-methyldipyrido[1,2-a:3',2'-d]imidazole (Glu-P-1)  
3-Amino-1-methyl-5H-pyrido[4,3-b]indole (Trp-P-2)  
2-Amino-3-methyl-9H-pyrido[2,3-b]indole (MeAaC)  
2-Amino-9H-pyrido[2,3-b]indole (AaC)  
4-Aminobiphenyl  
2-Aminodipyrido[1,2-a:3',2'-d]imidazole (Glu-P-2)  
0-Anisidine  
Arsenic  
Benz[a]anthracene  
Benzene  
Benzo[a]pyrene  
Benzo[b]fluoranthene  
Benzo[j]fluoranthene  
Benzo[k]fluoranthene  
Benzo[b]furan  
Beryllium  
1,3-Butadiene  
Cadmium  
Catechol (1,2-benzenediol)  
p-Chloroaniline  
Chloroform  
Cobalt  
p,p'-DDT  
Dibenz[a,h]acridine  
Dibenz[a,i]acridine  
Dibenz(a,h)anthracene  
7H-Dibenzo[c,g]carbazole  
Dibenzo(a,e)pyrene  
Dibenzo(a,i)pyrene  
Dibenzo(a,h)pyrene  
Dibenzo(a,i)pyrene  
Dibenzo(a,l)pyrene  
3,4-Dihydroxycinnamic acid (caffeic acid)  
Ethylbenzene  
Ethylene oxide  
Formaldehyde  
Furan  
Glycidol  
Heptachlor  
Hydrazine  
Indeno[1,2,3-cd]pyrene  
IQ 92-Amino-3-methyl-3H-imidazo[4,5-f]quinoline)  
Isoprene  
Lead  
5-Methyl-chrysene  
2-Naphthylamine  
Nitrobenzene  
Nitrogen mustard  
Nitromethane  
2-Nitropropane  
N-Nitrosodi-n-butylamine (NDBA)  
N-Nitrosodi-n-propylamine (NDPA)  
N-Nitrosodiethanolamine (NDELA)  
N-Nitrosodiethylamine (DEN)  
N-Nitrosodimethylamine (DMN)  
N-Nitrosoethylmethylamine (NEMA, MEN)  
4-(N-Nitrosomethylamino)-1-(3-pyridinyl)-1-butanone (NNK)  
N'-Nitrosornicotine (NNN)  
N-Nitrosopiperidine (NPIP, NPP)  
N-Nitrosopyrrolidine (NPYR, NPY)  
Polonium-210 (Radon 222)  
Propylene oxide  
Safrole  
Styrene  
Tetrachloroethylene  
o-Toluidine (2-methylaniline)  
Trichloroethylene  
Urethane (carbamic acid, ethyl ester)  
Vinyl acetate  
Vinyl chloride  
4-Vinylcyclohexene  
2,6-Xylidine (2,6-dimethylaniline)