

WHAT'S IN CIGARETTE SMOKE?

There are over 4,000 identified chemicals in cigarette smoke. Listed here are 109 of the more toxic chemicals. Those proven to cause **cancer** are in **boldface** type. Those proven to cause birth defects are in underlined.

A - Acetaldehyde

Acetic Acid
Acetone
Acetylene
Acrolein
Acrylonitrile
Aluminum
Aminobiphenyl
Ammonia
Anabasine
Anatabine
Aniline
Anthracenes
Argon
Arsenic

B - Benz(a)anthracene

Benzene
Benzo(a)pyrene
Benzo(b)fluoranthene
Benzo(j)fluoranthene
Butadiene
Butane

C - Cadmium

Campesterol
Carbon Monoxide
Carbon Sulfide
Catechol
Chromium
Chrysene
Copper
Crotonaldehyde
Cyclotenes

D - DDT/Dieldrin

Dibenz(a,h)acridine
Dibenz(a,h)anthracene
Dibenz(a,j)acridine
Dibenzo(a,l)pyrene
Dibenzo(c,g)carbazole
Dimethylhydrazine

E - Ethanol

Ethylcarbamate

F - Fluoranthenes

Fluorenes
Formaldehyde
Formic Acid
Furan

G - Glycerol

H - Hexamine

Hydrazine
Hydrogen cyanide
Hydrogen sulfide

I - **Indeno(1,2,3-c,d)pyrene**

Indole
Isoprene

L - **Lead**

Limonene
Linoleic Acid
Linolenic Acid

M - Magnesium

Mercury
Methane
Methanol
Methyl formate
Methylamineethylchrysene
Methylamine
Methylnitrosamino
Methylpyrrolidine

N - Nitrosoanabasine

Nitrosodiethanolamine
Nitrosodiethylamine
Nitrosodimethylamine
Nitrosoethyl methylamine
Nitrosomorpholine

N - **Nitrosopyrrolidine**

Naphthalene
Naphthylamine
Neophytadienes
Nickel
Nicotine
Nitric Oxide
Nitrobenzene
Nitropropane
Nitrosamines
Nitrosonomicotine
Nitrous oxide phenols
Nomicotine

P - Palmitic acid

Phenanthrenes
Phenol
Picolines
Polonium-210
Propionic acid
Pyrenes
Pyrrolidine

Q - **Quinoline**

Quinones

S - Scopoletin

Sitosterol
Skatole
Solanesol
Stearic acid
Stigmasterol
Styrene

T - Titanium

Toluene
Toluidine

U - Urethane

V - Vinyl Chloride

Vinylpyridine

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NCADA

National Council on Alcoholism & Drug Abuse · St. Louis Area

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