



What are Some of the Common Uses of the Cigarette Smoke Ingredients?

How Chemicals are used in Industry	Name of Chemical
Fertilizer	Formaldehyde**
Pesticide or Herbicide	Acrolein Hydrogen Cyanide Catechol Pyridine Quinoline Nicotine (mostly banned)
Disinfectant	Formaldehyde** Phenol
Solvents, resins or varnishes	Pyridine Hydroquinone Toluene
Batteries	Nickel* Cadmium**
Tire Manufacture	1,3-Butadiene
Explosives	Toluene
Household Cleaners	Ammonia
Rubber	Hydroquinone Catechol Toluene
Only found in tobacco products	NNN NNK

* known human carcinogen, according to the International Agency for Research on Cancer and/or the Environmental Protection Agency.

** possible human carcinogen, according to the International Agency for Research on Cancer and/or the Environmental Protection Agency.

Sources:

The Columbia Encyclopedia. Ammonia. Sixth Edition, 2001.

Physicians for a Smoke-Free Canada. Health Effects of Chemicals found in Cigarette Smoke, 2001.

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