

KNOWN CARCINOGENS* IN THE FIREFIGHTING ENVIRONMENT



CARCINOGEN	CANCER
Arsenic	kidney, liver, prostate
Asbestos	lung, mesothelioma
Benzene	multiple myeloma, non-Hodgkin's lymphoma
Benzo[a]pyrene	lung, skin, bladder
Diesel Exhaust	lung, bladder, esophageal
Formaldehyde	nasopharynx, leukemia
Polychlorinated biphenyls	non-Hodgkin's lymphoma, lung, soft tissue sarcoma
Polychlorinated dibenzo-p-dioxins	non-Hodgkin's lymphoma, lung, soft tissue sarcoma
Vinyl Chloride	liver
1,3-butadiene	non-Hodgkin's lymphoma, leukemia
Chronic Hepatitis B & C Virus	liver, non-Hodgkin's lymphoma



This list is for IARC Group 1 Carcinogenic to Humans only. There are many by-products of combustion and chemicals that fire fighters are exposed to listed as Group 2A Probably Carcinogenic to Humans and Group 2B Possibly Carcinogenic to Humans.

*Identified by the International Agency for Research on Cancer (IARC) the authoritative agency on cancer causation