

Hearing loss and Aerotoxic Syndrome



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AEROTOXIC BLOG INFO : [#aerotoxicsyndrome](#) “Certain chemicals, like some medicine, have harmful effects on hearing and balance. These are ototoxic chemicals. Ototoxic chemicals can cause hearing loss on their own. The hearing loss can be worse when exposed to both the ototoxic chemicals and loud noises at the same time. Even if noise and chemicals are at recommended exposure levels, exposure to both can do more damage than a higher exposure to just noise or chemicals alone. The hearing frequencies affected by chemical exposure are different than those affected by noise. You can be exposed at work or at home.

Examples of chemicals associated with hearing loss and where they are found

- Arsenic- Parasites and microorganism inhibitors
- Benzene- Found in plastics, paints, cleaning agents, cigarette smoke
- Carbon disulfide- Pesticides
- Carbon monoxide- Vehicles, cigarette smoke, welding, gasoline-powered tools, cooking stoves, clothes dryers, etc.
- Styrene- Produced in plastics, insulating material
- Trichloroethylene- Dry cleaning, spot remover, rug cleaners, paints, waxes, pesticides, and lubricants
- Toluene - Paints, lacquers, adhesives, rubber, leather tanning, spray paint, and many other products
- Xylene- Paints, varnishes, and thinners

Some activities will expose you to both loud noises

and ototoxic chemicals. These activities include: boat building, construction, firefighting, fueling vehicles and aircraft, furniture making, manufacturing of metal, leather and petroleum products, painting, printing, weapons firing. © (source) >>>

<https://www.asha.org/uploadedFiles/AIS-Chemical-Exposure-Effects-Hearing-Balance.pdf>

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