

# Name that Poison

1. Carbon Monoxide \_\_\_\_\_
  2. Lead \_\_\_\_\_
  3. Benzene \_\_\_\_\_
  4. Asbestos \_\_\_\_\_
  5. Coal mine dust \_\_\_\_\_
  6. Carbon Tetrachloride \_\_\_\_\_
  7. Mercury \_\_\_\_\_
  8. Hydrogen Fluoride \_\_\_\_\_
  9. Diesel Soot \_\_\_\_\_
- A. Lack of Oxygen to the Brain
  - B. Lung Cancer and Asbestosis
  - C. Leukemia
  - D. Black Lung Disease
  - E. Lowered I.Q. in exposed children
  - F. Burns to the respiratory tract
  - G. Lung cancer. Also, exacerbation of asthma in persons with allergies
  - H. Changes in personality and mental ability - "Mad as a Hatter"
  - I. Liver damage (hepatitis) and kidney poisoning

## **Background information on the toxic chemicals and harmful physical agents on the front**

Carbon monoxide is a colorless, odorless gas that is a product of any kind of combustion process. It is a constituent of vehicle exhaust, comes out of defective home heaters, and can be detected in living quarters that are next to garages.

Lead is a heavy metal used in industry; it is also found in old paint that had lead pigment in it and in some kinds of imported glazed pottery.

Benzene is a solvent (an aromatic hydrocarbon) widely used in chemical manufacturing processes that also has been used in printing, drycleaning, shoemaking, and other trades.

Asbestos is a mineral fiber. It is virtually indestructible – heatproof, fireproof and resistant to most chemicals. It previously was used as insulation in homes, in floor tiles, in flame-retardant gloves, and in thousands of other ways. Although its use is not banned, it has been greatly reduced because of illnesses and deaths among exposed workers.

Coal mine dust is the dust that gets into the air when coal miners extract coal from underground seams or from surface (strip) mines.

Mercury is the liquid metal that you see in thermometers.

Hydrogen fluoride is used in the petroleum and aluminum industries, as well as in the etching and frosting of glass and enamel.

Diesel soot is a lay term for “diesel particulate matter” – the tiny particles that are part of diesel exhaust. The particles can have thousands of toxic chemicals adhered to their surface. The tiniest particles can get deep into your lungs when you breathe them.

Noise is unwanted sound – or, in the case of a loud rock concert or listening to loud music with ear phones, it is sound that you WANT to hear that is so loud it can damage your body!

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