



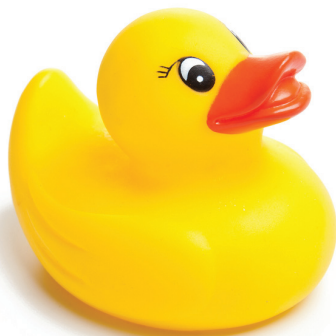
## Acetone

### Where do you find it?

- Nail polish remover
- Paint thinner
- Degreaser

### What are some of the health effects?

This substance causes skin irritation, headaches, light-headedness, confusion, nausea, vomiting, and increased heart rate. High levels irritate noses, lungs, throats, and eyes. Extreme levels cause unconsciousness and coma. Long-term exposure causes liver and kidney damage.



## Acrylonitrile (vinyl cyanide)

### Where do you find it?

- Fumigants
- Synthetic resins
- Plastics
- Rubber

### What are some of the health effects?

This substance is suspected to cause cancer.



## Ammonia

### Where do you find it?

- Explosives
- Fertilizers
- Refrigerants
- Household cleaning fluids
- Fuel

### What are some of the health effects?

This substance increases the addictiveness of tobacco by making the nicotine absorb through the lungs more quickly, meaning the brain gets a higher dose of nicotine with each puff. This causes irritation to the respiratory tract, coughing, irritation to the nose and throat, cramps, diarrhea, elevated blood pressure, anemia, asthma, paralysis, and cancerous skin tumors.



## Arsenic

### Where do you find it?

- Pesticides
- Rat Poison

### What are some of the health effects?

This substance is used as a pesticide on tobacco plants around the world and is absorbed into the plant. Low levels cause nausea, vomiting, decreased production of red and white blood cells, damage to blood vessels, a sensation of pins and needles in hands and feet, and an abnormal heart rhythm. High levels of arsenic causes throat and lung irritation, and increases the risk of cancer.



## Benzene

### Where do you find it?

- Explosives
- Napalm
- Pesticides
- Industrial solvents
- Paint remover
- Gasoline
- Lubricants
- Adhesives
- Plastics
- Rubber
- Rubber cement
- Tire repair
- Nylon
- Detergents
- Dyes
- Inks

### What are some of the health effects?

This substance causes extreme bleeding and problems with the immune system thus increasing the risk for infection. High levels cause drowsiness, dizziness, headaches, rapid heart rate, tremors, confusion, unconsciousness, and death. Benzene can also cause cancer.



## Butane

### Where do you find it?

- Lighter fluid
- Gasoline
- Aerosol propellant

### What are the health effects?

This substance is used to keep the tip of a cigarette burning at an extremely hot temperature, allowing nicotine to turn into a vapor so lungs may absorb it easier. Long term exposure to butane can cause damage to the nervous system, fatigue, and mental impairment.



## Formaldehyde

### Where do you find it?

- Embalming fluid
- Disinfectants
- Foam insulation
- Dyes
- Nail polish
- Photographic supplies

### What are some of the health effects?

This substance causes irritation to the nose, eyes, skin, and throat, and damages the lungs, skin, and digestive system. People suffering from asthma are more sensitive to formaldehyde. It also causes nasal cancer and is linked to lung cancer.



## Isoprene

### Where do you find it?

- Rubber

### What are the health effects?

This substance causes cancer, irritation to the skin, eyes, and mucous membranes.



## Lead

### Where do you find it?

- Lead-acid batteries
- Coolant
- High voltage power cables
- Roofing materials
- Glass
- Paint
- Bullets
- Weights

### What are some of the health effects?

This substance causes stomach problems, stunts growth, delays puberty in girls, disrupts the male reproductive system, damages the central nervous system, negatively affects memory (brain damage), and causes dementia. It is also linked to schizophrenia and can cause death. It is more toxic to children, resulting in cognitive deficits and other health problems.



## Nickel

### Where do you find it?

- Alkaline batteries
- Stainless steel and other metal alloys
- Magnets
- Coins

### What are some of the health effects?

This substance causes allergic reactions or skin rashes. People sensitive to nickel suffer upper respiratory irritation, asthma attacks, increased susceptibility to lung infections, chronic bronchitis, and reduced lung function. Lung and nasal sinus cancer may result from breathing dust containing high levels.



## 1,3-Butadiene

### Where do you find it?

- Rubber
- Latex
- Neoprene products
- Automobile tires

### What are some of the health effects?

This substance causes cancer.



## Vinyl Chloride

### Where do you find it?

- PVC pipes
- Packaging materials
- Garbage bags

### What are some of the health effects?

This substance causes cell mutations that may lead to cancer. High exposure causes headaches, dizziness, loss of coordination, and sleepiness, with severe cases progressing to hallucinations, unconsciousness, and death by respiratory failure.



## Acetate Acid

### Where do you find it?

- Vinegar
- Hair dye
- Photographic supplies

### What are some of the health effects?

This substance irritates the skin, eyes, and nose.



## Phenol

### Where do you find it?

- Herbicides
- Disinfectants
- Surgeries to prevent re-growth of ingrown nails
- Oral anesthetics
- Resins for plywood and other construction materials
- Epoxy resins
- Plastics

### What are some of the health effects?

This substance causes skin, mucus membrane, and eye irritation. Exposure leads to diarrhea, dark urine, and hemolytic anemia. High levels affect the liver, kidney, respiratory, cardiovascular, and central nervous system.



## Cadmium

### Where do you find it?

- Non-corrosive metal coatings
- Bearings
- Pigments
- Oil paints
- Car batteries
- Storage batteries

### What are some of the health effects?

This substance causes damage to the liver, kidneys, and brain, and stays in the body for years. High levels severely damage lungs, kidneys, and even cause death. It is a possible carcinogen, linked to kidney, lung, and prostate cancer.



## Steric Acid

### Where do you find it?

- Plastics
- Oil pastels
- Candles
- Soaps
- Cosmetics
- Coating for metal powders in fireworks

### What are some of the health effects?

This substance's long term effects are still being studied, although early studies suggest negative effects on cell function.