



KAMARAJ IAS ACADEMY
Only IAS Academy by Grandson of "Perunthalsivai Kamarajar"

Tetrachloroethylene

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Researchers have identified that Tetrachloroethylene commonly used in dry cleaning and household items could lead to a 3x increased risk of liver diseases.

About Tetrachloroethylene

It appears as a clear colorless volatile liquid having an ether-like odor.

It is noncombustible and insoluble in water.

Other names for tetrachloroethylene include perchloroethylene, PCE, perc, tetrachloroethene, and perchlor

Health Impacts: Exposure to very high concentrations of tetrachloroethylene can cause dizziness headaches, sleepiness, incoordination confusion, nausea, unconsciousness, and even death.

How does it enter the Environment?

It breaks down very slowly in the air and so it can be transported long distances in the air.

It evaporates quickly from water into air. It is generally slow to break down in water.

It is generally slow to break down in soil.

It can also seep into soil and groundwater through factory waste or improper disposal, making drinking water another potential source of exposure.

Applications of Tetrachloroethylene

It is used to remove grease in industrial and household settings.

It is widely used for dry cleaning of fabrics

It is also used to make other chemicals and is used in some consumer products