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# 2,4,6-Trichlorophenol

National Cancer Institute

## Source

National Cancer Institute. *2,4,6-Trichlorophenol*. NCI Thesaurus. Code C44304.

A synthetic, colorless crystalline solid that is slightly soluble in water and soluble in organic solvents. It has been used primarily in pesticide formulations and as a wood preservative, although most uses have been cancelled in the US. When heated to decomposition, 2,4,6-trichlorophenol emits toxic and corrosive fumes of hydrochloric acid and other toxic gases. Exposure of humans to 2,4,6-trichlorophenol via inhalation has been reported to cause respiratory effects, altered pulmonary function and pulmonary lesions. It is reasonably anticipated to be a human carcinogen. (NCI05)