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Thioacetamide

National Cancer Institute

Source

National Cancer Institute. *Thioacetamide*. NCI Thesaurus. Code C44454.

A synthetic, colorless crystalline solid that is soluble in water and ethanol. Thioacetamide is currently only used as a replacement for hydrogen sulfide in qualitative analysis. When heated to decomposition, it emits toxic fumes of nitrogen oxides and sulfur oxides. The primary routes of potential human exposure to thioacetamide are inhalation and dermal contact. It is reasonably anticipated to be a human carcinogen. (NCI05)