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2,4-Diaminotoluene

National Cancer Institute

Source

National Cancer Institute. *2,4-Diaminotoluene*. NCI Thesaurus. Code C44306.

A synthetic, colorless to brown crystalline solid that is soluble in water, ethanol, ether and benzene. It is used primarily as an intermediate in the production of toluene diisocyanate, which is used to produce polyurethane. Small amounts of 2,4-diaminotoluene are also used to produce dyes for textiles, leathers, furs, and wood and biological stains. When heated to decomposition, it emits toxic fumes of nitrogen oxides. The primary routes of potential human exposure to 2,4-diaminotoluene are dermal contact and inhalation. Contact with this chemical can irritate the eyes and skin. It is reasonably anticipated to be a human carcinogen. (NCI05)