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4,4-Thiodianiline

National Cancer Institute

Source

National Cancer Institute. *4,4-Thiodianiline*. NCI Thesaurus. Code C44322.

A brown to violet colored solid aromatic amine that emits toxic fumes of nitrogen oxides, carbon monoxide, carbon dioxide, nitrogen and sulfur oxides when heated to decomposition. 4,4'-Thiodianiline is primarily used as a chemical intermediate in the production of certain dyes. Exposure to this substance is irritating to the respiratory tract and can result in methemoglobinemia causing headache, dizziness, weakness and can lead to shortness of breath, collapse and even death. 4,4'-Thiodianiline is a possible mutagen and is reasonably anticipated to be a human carcinogen. (NCI05)