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N-Nitrosopyrrolidine

National Cancer Institute

Source

National Cancer Institute. *N-Nitrosopyrrolidine*. NCI Thesaurus. Code C44424.

A clear, yellow, oily, liquid nitrosamine that decomposes when exposed to light and emits toxic fumes of nitrogen oxides when heated to decomposition. N-Nitrosopyrrolidine is used in laboratory research to induce tumors in experimental animals. This substance may be formed during cooking of foods that contain sodium nitrite as a preservative, including meat, fish and cheese. Exposure to N- Nitrosopyrrolidine irritates the skin and eyes and can damage the liver and kidneys. This substance is reasonably anticipated to be a human carcinogen. (NCI05)