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N-Methyl-N-nitro-N-Nitrosoguanidine

National Cancer Institute

Source

National Cancer Institute. *N-Methyl-N-nitro-N-Nitrosoguanidine*. NCI Thesaurus. Code C44415.

A pale yellow to pink colored, crystalline solid nitrosamine that turns green or orange when exposed to light and emits very toxic fumes of nitrogen oxides when heated to decomposition. N-methyl-N-nitro-N-nitrosoguanidine is used in laboratory research as an experimental mutagen, teratogen and carcinogen. Exposure to this substance irritates the eyes, skin and respiratory-tract. N-methyl-N-nitro-N-nitrosoguanidine is reasonably anticipated to be a human carcinogen. (NCI05)