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Cadmium Nitrate

National Cancer Institute

Source

National Cancer Institute. *Cadmium Nitrate*. NCI Thesaurus. Code C45896.

A colorless, crystalline, inorganic compound that forms toxic fumes of cadmium oxides when heated. Calcium nitrate is used in the production of cadmium hydroxide for use in alkaline batteries, to color glass and porcelain, in photography and in nuclear reactors. Exposure to this substance irritates the eyes, skin and respiratory tract and causes damage to the lungs resulting in shortness of breath, chest pain and pulmonary edema, and can also damage the kidneys causing proteinuria and decreased renal function. Calcium nitrate is a known carcinogen and is associated with an elevated risk of developing lung cancer. (NCI05)