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Glycidol

National Cancer Institute

Source

National Cancer Institute. *Glycidol*. NCI Thesaurus. Code C44387.

Slightly viscous, colorless and odorless liquid cyclic ether. Glycidol is used as a stabilizer for natural oils and vinyl polymers, as an alkylating agent, a sterilant, a demulsifier, a dye-leveling agent and it is also used as an intermediate in the synthesis of glycerol, glycidyl ethers and amines. Exposure to Glycidol irritates the skin, eyes, and mucous membranes and depresses the central nervous system in humans. Glycidol induces mutations in human lymphocytes and is reasonably anticipated to be a human carcinogen. (NCI05)