

Unused Formulations Containing Sodium Pentachlorophenate are F027

The F027 hazardous waste listing includes discarded, unused formulations containing tri-, tetra-, or pentachlorophenol, as well as compounds derived from these chlorophenols (40 CFR 261.31). Does an unused chemical formulation that contains sodium pentachlorophenate meet the F027 listing when discarded?

Unused formulations containing sodium pentachlorophenate meet the F027 listing when discarded. Sodium pentachlorophenate, a wood surface protectant used to prevent sapstaining in freshly cut lumber, is a compound derived from pentachlorophenol by dissolving pentachlorophenol in sodium hydroxide (58 FR 25706, 25708; April 27, 1993).

Chlorophenolic compounds and their chlorophenoxy derivatives, such as sodium pentachlorophenate, have serious adverse health effects (48 FR 14514, 14516; April 4, 1983). Formulations containing these compounds also contain chlorinated dioxins and dibenzofurans. For these reasons, wastes meeting the F027 listing are designated as acutely hazardous (50 FR 1978, 1979- 1982; January 14, 1985). (August 1994 Monthly Hotline Report)