Dimethylmercury

General properties
• Highly flammable
• Highly reactive
• Very strong neurotoxin
• Resistant to hydrolysis

Uses
• Reference for $^{199}$Hg NMR
• Methylating reagent
• Toxicology as reference

Caused the death of Professor Karen Wetterhahn (Dartmouth College) by exposure of a drop from pipette tip through nitrile gloves. Died 3 months later.

Originally prepared in 1865, however caused death of 2 Lab technicians weeks later.

Caused death of Czech graduate student in 1972 during 6 kg scale up synthesis.

**Avoid use completely**