



# Safety Tin



Cases of poisoning from tin **metal, its oxides, and its salts** are "almost unknown"; on the other hand certain **organotin compounds** are almost as toxic as cyanide.

Organotin compounds are widely used as PVC stabilizer, biocides, organic synthesis and Li-ion batteries

The toxic effects of tin compounds is based on the interference with the iron and copper metabolism. For example, it affects heme and cytochrome P450, and decreases their effectiveness.

Precautions: **PPE** and **specific waste container**