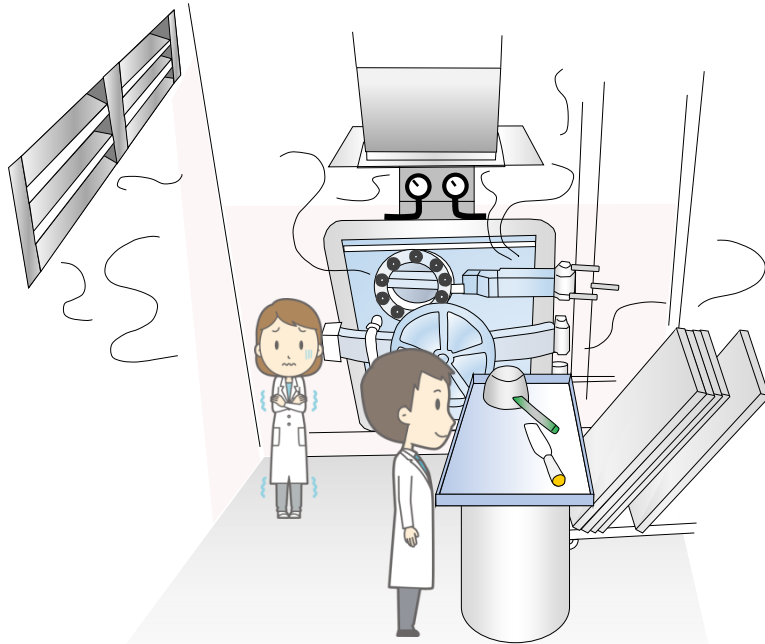


Case involving organic solvent poisoning working with pharmaceutical intermediates



[Location of accident]

At a pharmaceutical manufacturing plant during the drying of pharmaceutical intermediates which contain large amounts of acetone as solvent.

[Cause of accident]

Engaged in a process involving the production of medication, some workers were exposed to acetone at high concentrations while carrying intermediates to the drying room after filtering. They put the intermediates on trays, and placed them on the shelves of the low temperature dryer.

[Damages / injuries]

After completing work in the drying room, two workers complained about feeling unwell. They were examined at the hospital, diagnosed with organic solvent poisoning, and hospitalized.

Extract from [Preventive measures]

- [1] Adequate systems for ventilation need to be installed.
- [2] The working environment has to be monitored.



Riken Keiki Recommendation

Wearing personal PID monitors allows the monitoring of conditions and contributes to the risk assessments of chemicals.