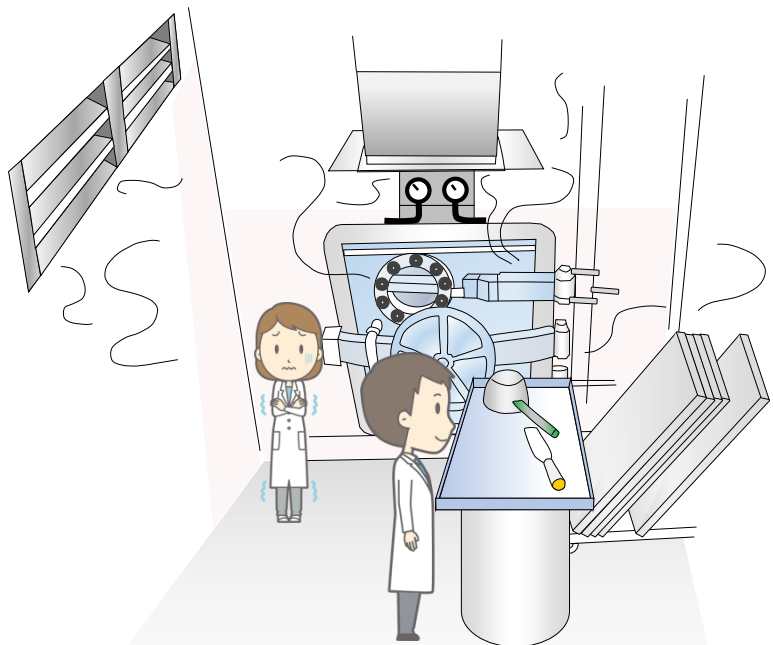


Case involving organic solvent poisoning during the drying of pharmaceutical intermediates



[Location of accident]

At a pharmaceutical manufacturing plant during the drying of pharmaceutical intermediates containing large amounts of acetone as solvent

[Cause of accident]

Workers engaged in a process involving the production of drugs were exposed to acetone at high concentrations while carrying intermediates to the drying room after filtering, transferring the intermediates to trays, and placing trays on the shelves of the low temperature dryer.

[Damage/injuries]

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

Extract from [Preventive measures]

- [1] Adequate ventilation systems must be installed.
- [2] The working environment must be monitored.



Riken Keiki Recommendations

Wearing personal PID monitors during work allows monitoring of exposure conditions and contributes to risk assessments of chemicals.