

# Precautions for Handling Highly Hazardous Chemicals

This notice provides handling precautions for the chemical substances listed below. Please note that other hazardous substances may also be present. Always review the Safety Data Sheet (SDS) before using any chemical substance.

Class I Organic Solvents

Class II Organic Solvents

Class III Organic Solvents

Specified Chemical Substances

Lead

Dioxin

Asbestos

Dust

※ Please check the boxes corresponding to the chemical substances used in this area. The list of applicable chemical substances and specific handling precautions can be found on the following pages.

## Physical and Chemical Hazards

- ✓ Keep away from heat and sources of ignition.
- ✓ Avoid high temperatures, high pressure, and vibration.
- ✓ Be aware of hazards due to chemical incompatibility.
- ✓ Verify appropriate fire-extinguishing methods.



## Health Hazards

- ✓ Check potential health hazards and symptoms.
- ✓ Use local exhaust ventilation (e.g., fume hoods).
- ✓ Ensure proper room ventilation.
- ✓ Wear appropriate lab coats or work clothes, safety goggles, and protective gloves.
- ✓ Wear appropriate respirators (dust masks or gas masks) during dust generation or chemical leakage.
- ✓ Confirm first aid procedures.



## Environmental Hazards

- ✓ Collect waste liquids and rinsates as experimental waste liquids.
- ✓ Dispose of solid waste properly (e.g., as unnecessary chemicals (toxic sludge), experiment waste, or infectious waste).



Chemical Substance Manager