

CERI conducts chemical safety testing for global application and GHS classification.

Chemical Safety test (GLP / non-GLP)

- Biodegradation test
- Bioaccumulation test
- 1-Octanol/water partition coefficient
- Polymer flow scheme test
- Bacterial reverse mutation test (Ames test)
- *In vitro* mammalian chromosomal aberration test
- Ecotoxicity test (Freshwater Alga and Cyanobacteria, *Daphnia* sp., Fish)
- Repeated dose 28-day oral toxicity study in rodents
- Physicochemical property test (Melting point, Boiling point, Density, Water solubility, etc.)
- Skin sensitization test (LLNA: BrdU-ELISA, DPRA, ADRA, h-CLAT, KeratinoSens™)
- *In vitro* skin irritation test
- *In vitro* eye irritation test
- *In vitro* skin corrosion test
- *In vitro* serious eye damage test

Application

- Japan's Chemical Substance Control Law (CSCL)
- Japan's Industrial Safety and Health Act



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