

Cleaning Manual

Caution !

Wastewater that drains from here enters the Kumamoto city sewer system.
Do not flush harmful substances.

Hazardous Substances (Kumamoto University Rules)

- Items not to be drained into sewage systems listed under Disposal Precautions of the Safety Data Sheet (created by manufacturer).
- Items applicable to laws and regulations related to chemical substances.
- Items in which the presence or absence of hazardous/dangerous materials cannot be determined.
- Items of pH 5 or less, or pH 9 or more.

YAKUMO bar code label

Damage Can be determined by chemical label or via YAKUMO from the barcode label.



GHS icon



Aquatic environmental hazards etc.

How to process laboratory waste fluids

Hazardous solvents (hydrophobic substances)

*Items classified as
"hazardous solvent waste"
Also applies to other
hydrophobic substances

Stock
solutions

1st
rinse

2nd
rinse

Rinse with methanol
or acetone.

3rd
rinse

4th
rinse

5th
rinse

Items other than harmful solvents (hydrophilic substance)

*Materials that are soluble
only in acids etc. should be
cleaned beforehand with a
suitable solvent

Stock
solutions

1st
rinse

2nd
rinse

3rd
rinse

4th
rinse

See Retention Scheme for
Experimental Liquid Waste



Methanol is a toxic and hazardous substance,
and an organic solvent.
Acetone is a hazardous substance and an organic solvent.
Please handle with care.
Note that the cleaning properties of ethanol are insufficient.

Contact Information

Kumamoto University Environmental Safety Center Safety Support Office, Extension 3234