

# **Proper Disposal of Chemical Waste**

Please contact us about any experimental liquid waste, however small the amount of chemicals.

There are said to be tens of thousands of kinds of reagents and chemicals circulating just in the manufacturing industry. From all these, there is no such thing as a small amount of hazardous or high-risk substances. Liquid waste from experiments and analyses may contain harmful components, such as mercury. cadmium, lead, arsenic or cyan. Hachioh treats each reagent, chemical or liquid waste differently depending on its constituent components or chemical properties.

#### Waste we Treat

- Reagents and chemicals
- Pharmaceuticals and diagnostic drugs
- Liquid waste from experiments, analyses or tests
- Chemical encrusted equipment and contaminated items
- Photography-related liquid waste
- Industrial liquid waste

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## **Disposal of Reagents and Chemicals**

As time passes, the risk increases of container deterioration or damage worsening, as well as losing track of what was in them, so unneeded reagents and chemicals need to be disposed of as soon as possible.

Similarly, the chemical properties and level of hazard of chemicals and reagents varies greatly, so handling them is no simple matter. Once we hear from you about your liquid waste problems, our professional staff will take you through each required step, from listing up your liquid waste chemicals, to categorizing and packing them, all the way to disposal and treatment.



#### Dispose of industrial drugs

Substances with a wide range of chemical properties are distributed and used throughout industry in the manufacture and sales of products, such as industrial drugs, raw materials, cleaning agents and agrochemicals. We assess the constituent components and their chemical properties from product names and their SDS, and then treat them safely according to their chemical properties.

Treat Liquid Waste Liquid Waste From analysis and experiments, manufacturing and photography industry

Information about the constituent components is indispensable to processing the liquid waste that results from a variety of experimental and manufacturing processes.

The amount and type of liquid waste varies with each factory and production process, and even though the amount is small, some liquid wastes can have an outsize impact on the environment.

It is also forbidden by law to discharge liquid waste somewhere, such as a sewer, without going through the abatement process. Furthermore, businesses that generate waste are required by law to disclose the makeup of waste to the waste processing company. That said, with some materials it is difficult to understand definitively how detailed this information has to be, or it can be difficult to determine how the information is to be communicated. At Hachioh, our thoroughly experienced staff are focused on hearing the process of how the waste was generated. After nailing down informa-



tion on the liquid waste through this process of hearing how it was generated and its constituent components, we move forward by analyzing a waste sample and then with a test treatment.

This is our prudent approach toward safe and proper treatment of waste.

Provide component information and sample

Component analysis and process testing

Make an estimate and contract

Check materials upon accepting waste

Process according to hazard and chemical properties

Analysis during the treatment process

Post-processing confirmation analysis



#### Request when Disposing of Waste

From the perspectives of legal compliance and proper disposal, please understand and cooperate with the following 3 points.

- 1. Please provide us with a waste data sheet (WDS) when entrusting us with your waste.
- 2. Corroded or leaking containers are not suitable for transport, so please have waste in proper containers.
- 3. Please label containers.

### Here is the Hachioh Difference!

Pre-check of High-risk Chemical-related Waste, even in Small Amounts

Hachioh takes on hazardous and high-risk chemical-related waste, even in small amounts. First off, we use our dedicated qualitative kit to check each and every kind of waste we take on. When doing so, it is also important to check the chemical properties of waste when we have not received information in advance. If this pre-check of properties were neglected, problems could result, such as generation of toxic gas when mixing the waste.

High Tech and Decades of Experience & Knowledge Our staff receive our in-house specialized training and leverage our decades of experience and knowledge with high technology to discover lurking dangers and to provide separate treatments for each and every hazard and risk.

Our Mission at Hachioh is Zero Chemical Accidents When our customers provide us with proper information we at Hachioh dispose of the waste accordingly; if we find a discrepancy with prior information, we give our customers feedback--all part of our mission to provide our customers safety and peace of mind by preventing any accidents with chemical substances, which occur so frequently around the country. Zero chemical accidents--that's our mission.