

# Precautions when handing over waste liquid

Environmental Research Center

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# Precaution

The following types of the waste liquid containers are prohibited from being handed over:

- The waste liquid was filled beyond the recommended capacity (See Photo-1).
- "Composition" or "Information on ingredients" are not obvious on the waste liquid delivery receipt (See Photo-2).
- A damaged and leaking container (See Photo-3).
- Improper containers (See Photo-4).
- Container is being ballooned (See Photo-5).

## (Photo-1) Waste liquid was filled beyond capacity

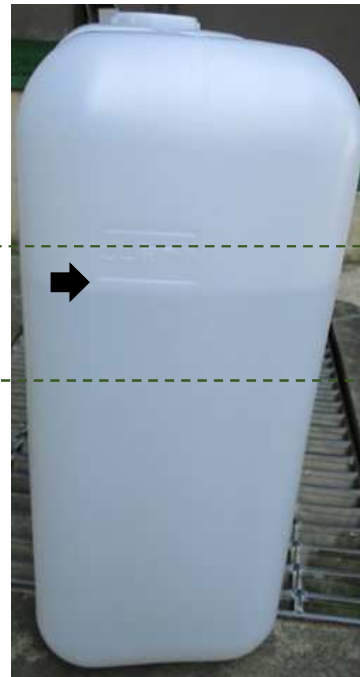
- Do not fill the container with waste liquid beyond the “ここまで：Up to here” mark (see ➡ in the photo).



Bad samples



Good samples



# (Photo-2) "Composition" or "Information on ingredients" are not obvious.



Bad samples

この用紙等は、下記内容に相当ありません。  
また、使用済み容器、使用済み容器は混入してありません。  
排出者として責任を負いますので、ご協力をお願いします。  
責任者名・氏名

区分	無機系廃液	有機系廃液	有害廃液
排出量	約 10 L		
主成分の名称及びその割合	約 10 %		
少量成分の名称及びその割合	約 10 %		
pH			

用紙の印刷、取扱い上の注意事項等  
取扱い上の注意事項等

(注意) 1 廃液等への記入については、排出者責任を負って記入すること。  
2 廃液等の排出量については、排出者が責任を負って記入すること。  
3 研究室内に未検出成分を混入し、その結果 (注) はセンターが記入すること。

Suppliers cannot decide on waste liquid treatment methods if the description regarding composition is unclear.

- "Composition" or "Information on ingredients" have to be clear on the waste delivery receipt.
- Especially, mercury compounds need to show the mainly information clearly.



Good samples

区分	無機系廃液
排出量	20 L
主成分の名称及びその割合	HNO <sub>3</sub> , HCl 約 1 %
少量成分の名称及びその割合	Fe, Zn, Pb, Al, Cu, Mn, Na, K, Ca, Mg, Hg 約 10 ppm
pH	3

区分	無機系廃液
排出量	20 L
主成分の名称及びその割合	XX 約 99.9%
少量成分の名称及びその割合	HgCl <sub>2</sub> (25g) HNO <sub>3</sub> (5 mL) 塩酸 (20 mL) 約 0.125%、1250 ppm
pH	3

## (Photo-3) A damaged and leaking container



Bad samples



- Do not fill waste liquid in damaged (leaking or spilling) containers
- Absolutely, do not use damaged containers for waste liquid's delivering.



Good samples



## (Photo-4) Improper Containers

- Please only use the proper containers that Environment research center provide.
- The supplier just accept the proper ones.



Bad samples



Formalin container (5L)



Soft resin container



Good samples



## (Photo-5) Container is being ballooned

- Our guideline forbids you bringing out waste liquid being chemical reaction from your lab.
- Supplier basically reject to collect a container being ballooned by chemical gas and liquid.



Bad samples

The photo of container(That container condition is being ballooned by chemical reaction)



Good samples

The photo of container(normal condition)