

PROPER DISPOSAL OF CHEMICAL WASTE



Safe Disposal Procedure



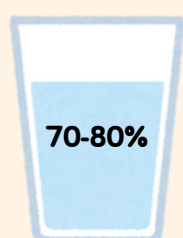
1 Wear appropriate PPE: Lab coat, safety goggles, and gloves



2 Pre-treat highly reactive or water-reactive chemicals before disposal



3 Use a funnel for large liquid volumes to prevent spills



4 Fill waste containers to 70-80% capacity to prevent overflow and allow a buffer for pressure buildup



5 Cap the waste container securely after disposal



6 Properly fill out the chemical waste log sheet

Proper Storage

Keep incompatible waste containers separate:

- ✗ Acids & Alkalis
- ✗ Oxidizers & Organics
- ✗ Acids & Cyanides



Use secondary spill trays to contain leaks



Store in a well-ventilated, enclosed, and designated area



Never leave waste containers outside the designated storage area



Detail Procedures



Refers to Procedures for Disposal of Chemical Waste:



https://hseo.hkust.edu.hk/system/files/documents/Chem_Wastes_Disposal_Procedure.pdf

Ordering & Collecting Waste Container



Request via HSEO website:



<https://hseo.hkust.edu.hk/form/request-for-chemical-waste-coll>

Select the correct waste container based on waste properties



Related poster:
Chemical Waste Container



Plan ahead—
avoid last-minute collection requests

