

KEEP THIS GUIDE!

Small but hazardous

GUIDE TO THE CORRECT HANDLING OF HAZARDOUS WASTE



**CAR REPAIR
SHOPS, SERVICE
STATIONS AND
CAR WASHES**

Hazardous waste does not belong in a sewer or waste bin!

Waste dumped in a sewer or waste bin does not vanish, but continues its circulation. Substances poured down the drain impact the functioning of the sewer and wastewater treatment plant and the health of its employees. Wrongly disposed-of waste ends up in the wrong place, such as water systems, soil or air. Only correctly sorted and recycled hazardous waste can be treated so that it does not burden our environment. Hazardous waste does not belong in a sewer or among unsorted waste – not even in small quantities.

Operating path for hazardous waste

- Recognise hazardous waste – learn the warning labels of chemicals.
- Read the material safety data sheets of the chemicals that you use and abide by them.
- Sort your waste and keep it separated.
- Label and store your waste correctly.
- Keep a log of your stored and sorted waste.
- Arrange for appropriate transportation, keep a log of hazardous waste transfers and save the transfer documents.

Preparing for problems

- Plan in advance measures to be taken in case of problems.
- Prepare for problems by acquiring suitable equipment that is kept easily at hand.
- Keep the necessary contact information up-to-date.



**The new official
name for toxic
waste is hazardous
waste**

Do not hesitate to contact the appropriate parties in case of an accident!

If hazardous waste ends up in a sewer, immediately contact your local water utility as well as the rescue services and environmental authorities, if necessary. The contact information for the water utility is provided on the back cover.

Hazardous and harmful waste from the car industry includes:

- oil and sand separator waste
- cleaning waste from containers and separators
- radiator, brake and clutch fluids
- used lubricating oils
- fluids and sludge from component washing machines
- rust-proofing waste
- painting waste
- washing and maintenance chemicals
- discarded batteries
- oily solid waste, such as used oil filters, absorption material and oily rags
- solvents
- air-conditioning equipment coolants.

This is the way to go:

- ✓ Use approved detergent compounds.
- ✓ Ensure that vehicle washing waters are drained away through a sand and oil separator.
- ✓ Ensure that the floor drains of the repair shop are equipped with an oil separator.
- ✓ Mark the cover of the oil separator and subsequent stop valve well in yellow. (SFS 3352)
- ✓ Mark the locations of the stop valves.
- ✓ Keep alarms in working order.
- ✓ Monitor the separators and empty them regularly.
- ✓ Store chemicals above a safety basin or in facilities without a sewer.
- ✓ Promote recycling: good-quality lubricating oils are retrieved and processed free-of-charge.
- ✓ Prepare for problems in advance with suitable equipment, such as sewer sealing mats and absorption material.

Further information:

- Material safety data sheets for used chemicals
- Guide "Korjaamon käytännöt kuntoon" (in Finnish) at <http://draivi.sykli.fi/sivu/3>
- The approved detergents/Finnish Petroleum Federation at www.oil.fi
- The National Building Code of Finland D1
- Government Decree 444/2010 on Environmental Protection Requirements of Liquid Fuel Distribution Stations
- Combustible Liquid Distribution Station Standard SFS 3352
- How to deal with hazardous waste: Ekokem at www.ekokem.fi/portal/fi/julkaisut/jatealan_ohjeet/
- Warning labels of chemicals at www.reachneuvonta.fi > CLP > Merkinnät
- www.akkukierratys.fi
- www.kierratys.info/laji_ongelmajate.php



Further information:



HSY



Vesilaitosyhdistys
Vattenverksföreningen VVY



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www.vaarallinenjate.fi