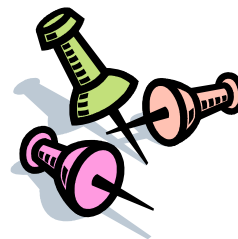




Safety Note

UNIVERSITY OF CALIFORNIA
AGRICULTURE AND NATURAL RESOURCES
ENVIRONMENTAL HEALTH AND SAFETY



Safety Note #57

REPAIR SHOP HAZARDOUS WASTE REQUIREMENTS



Used Oil Filter Drum

Photograph Courtesy of Hopland REC

Routine maintenance and repair of vehicles, equipment, and machinery generates repair shop wastes, including used oil, oil filters, antifreeze, absorbent, and rags. California Code of Regulations Title 22, Sections 66261, 66262, and 66266 designates used oil, oil filters, antifreeze, absorbent, and rags as hazardous wastes. When possible, California encourages recycling rather than disposal of these types of repair shop hazardous wastes. Initial and thereafter, annual training is required for Research and Extension Center (REC) employees that handle repair shop hazardous wastes.

Repair Shop Hazardous Waste Requirements

- Proper handling of used oil, oil filters, antifreeze, absorbent, and rags requires that they be kept separate and placed in leak proof storage containers until recycling or disposal at approved facilities.
- RECs may accumulate maximum quantities of repair shop hazardous waste as follows:
 1. A total of 55 gallons of used oil for a period of 180 days if less than a total of 2,200 pounds of hazardous waste accumulate at the REC in one month.
 2. Less than one ton of drained and used oil filters for one year.
 3. A total of 55 gallons of used antifreeze for a period of 90 days.
 4. Less than 2,200 pounds of hazardous waste, including used absorbent and rags, for less than 180 days.
- Accumulation periods begin upon the first date that the repair shop hazardous waste is placed in the storage container.
- The first date of accumulation shall be clearly marked on the outside of the storage containers.
- The outside of the storage containers shall be clearly marked as follows:
 1. Used oil, antifreeze, absorbent, and rag containers shall be marked with the words "Hazardous Waste."
 2. Used oil filter containers shall be marked with the words "Drained Used Oil Filters."
- Used oil, antifreeze, absorbent, and rag storage containers (i.e., not required for used oil filter storage containers) shall be labeled with the following information:
 1. Composition and state of the waste.
 2. Statement or statements that call attention to the particular properties of the waste (e.g., flammable, reactive, etc.).
 3. Name and address of the REC producing the waste.
- Storage container lids and caps shall remain in place except when putting hazardous wastes in containers.
- The used oil, oil filter, and antifreeze storage container area shall be inspected weekly for leaking containers and deterioration of containers caused by corrosion or other factors.
- Employees that handle repair shop hazardous wastes shall practice good personal hygiene by washing their hands after (or using impermeable gloves) when performing maintenance and repair tasks.

Additional information about hazardous waste handling requirements is available at <http://danrrec.ucdavis.edu/ehs/guides/index.html> in the REC Policy and Procedures document entitled "Storage and Removal of Regulated Waste."