



Common Automotive Wastes

Waste Name (Codes)	Management	Disposal Options	Notes
Aerosol Cans containing product (varies)	Evaluate. If hazardous, place cans in container; mark container with accumulation start date and the words Hazardous Waste - Aerosol Cans . Document weekly inspections.	1) Hazardous waste facility via hazardous waste transporter. 2) Very Small Quantity Generators (VSQGs) may take to a VSQG collection site; follow requirements.	Use material up! Will supplier take back cans? Do not use aerosols over a parts washer; it could make a nonhazardous cleaner a hazardous waste. Consider non-aerosol options.
Aerosol Cans empty	Empty means no pressure and no product. Regulated as an industrial solid waste. Do not put in the trash. Contact your hauler or disposal facility for requirements.	Contact your hauler or solid waste disposal site for additional requirements.	See MPCA hazardous waste fact sheet #4.00, “Managing Waste Aerosols” on the MPCA Web site (URL lower right).
Antifreeze (D008)	Store in a closed container marked with the words Used Antifreeze .	1) Must recycle if you generate more than 50 gallons per month. 2) Less than 50 gallons per month, you may discharge to the sanitary sewer, with permission from your local wastewater treatment plant. 3) Send to hazardous waste facility if hazardous.	Never discharge to septic system. Do not mix with used oil . Register storage tanks of 500 gallons or more.
Asbestos Brake Pads	Using special equipment designed for this purpose, control dust by use of vacuum device or low-pressure sprayer. Leasing service may provide special cleaning solvent/equipment to collect asbestos; they will also remove waste.	If collecting via vacuum device, place in a specially marked plastic bag, double tie and store in a leakproof, airtight container designated for asbestos waste. Contact intended solid waste disposal site to see if the site can accept asbestos.	For more information, call the MPCA Customer Assistance Center or Small Business Assistance Program.* See brake checklist on the MPCA Web site.
Carburetor Cleaner (possibly F002, F004)	Mark closed container with accumulation start date and the words Hazardous Waste - Carb Cleaner . Document weekly inspections. Federal air quality standards may apply. See automotive air checklist on the MPCA Web site. Drain. Tip empty drums on side to store. Reuse drums to store waste resulting from the product they contained.	1) Send to hazardous waste facility. 2) VSQGs may take to a VSQG collection site; follow requirements.	Do not mix with parts washer solvent or used oil!
Containers, Drums empty		Reuse or recycle, if possible. If not, contact your county solid waste officer for options in your area.	For more information, see MPCA hazardous waste fact sheet #4.16, “Managing Empty Containers.”
Electronics	Computer monitors and televisions are hazardous; prevent breakage. Circuit boards make many other electronic items hazardous.	To minimize future liability, choose a responsible recycler.	See the Minnesota Office of Environmental Assistance Web site at www.moea.state.mn.us/ for more information.
Filters air, fuel, transmission, antifreeze	Drain liquids from filter. Use or recycle liquid. Empty filters are regulated as industrial solid waste. Do not put in the trash. Contact hauler or disposal facility for requirements.	If metal, recycle if possible, or contact your intended solid waste disposal site for disposal options and requirements.	
Filters used oil	Drain at least 24 hours or crush; store in sturdy, closed container marked with the words Used Oil Filters .	Send for recycling (scrap metal recovery) via oil filter hauler.	Do not put filters and components in the trash.
Floor Drains	Prevent automotive waste from entering floor drains. See category below, Sludges/Flammable Trap Waste, for information.	No industrial waste can be discharged to a septic system/drain field!	For more information, call the MPCA Customer Assistance Center or Small Business Assistance Program.*
Fluorescent Lamps (D008, D009)	Do not crush. Store in original box, if possible. Mark storage area or box Universal Waste - Used Fluorescent Lamps .	Recycle all fluorescent lamps. Do not put in the trash.	Contain broken lamps, close and mark container Universal Waste - Broken Fluorescent Lamps ; recycle.
Freon from air conditioning systems	Do not release into air. Use certified equipment and operators to recover and recycle. Keep records. Only use approved alternates designed for vehicle use.	Recover, recycle.	For more information, call the U.S. Environmental Protection Agency at (312) 886-2260 or see www.epa.gov/ozone .
Fuel/Water Mixtures (D001, D018)	Pump out; immediately ship with a Department of Transportation (DOT) registered transporter.	Send to a reputable fuel recycler that can process the waste within 24 hours of receiving it.	See MPCA hazardous waste fact sheet #4.19, “Managing Recyclable Fuel Wastes.”
Gasoline unusable, (D001, D018)	Mark closed container with accumulation start date and the words Hazardous Waste - Waste Gasoline . Document weekly inspections.	Recycling or hazardous waste facility via hazardous waste transporter.	All hazardous waste rules apply. Follow fire codes. See MPCA hazardous waste fact sheet #4.19, “Managing Recyclable Fuel Wastes.”
Lead-Acid Batteries (D002, D008)	Store on curbed, impermeable surface; cover if outdoors. Mark area Spent Lead-Acid Batteries . Inspect regularly.	Recycle (send to reclaimer).	See MPCA hazardous waste fact sheet #4.06, “Managing Lead-Acid Batteries - for Generators.” There are additional requirements for retailers, transporters and recyclers. Do not open switches or remove mercury.
Mercury Switches	Remove from vehicle. Place in a closed container. Mark the container Universal Waste - Mercury Switches .	Recycle or dispose of as hazardous waste.	
Paint Waste (D001, D005, D006, D007, D008, F003, F005)	Mark container with accumulation start date and the words Hazardous Waste - Paint Related . Document weekly inspections.	1) Recycle on or off site. 2) Send to hazardous waste facility via hazardous waste transporter. 3) Send to VSQG collection site.	Use nonhazardous paints when possible. See MPCA hazardous waste fact sheet #4.40 for paint cup liner management information.
Parts Washer Solvent (D001, D008, D018)	No marking/inspection during use. If storing waste, mark closed container with accumulation start date and words Hazardous Waste - Parts Washer Solvent . Document weekly inspections. Filter kit may extend solvent life.	1) Recycle on or off site. 2) VSQGs may add only nonchlorinated solvents up to 10 percent in volume to waste oil. Other requirements also apply.	Must report all waste solvent, even amounts mixed with used oil! See MPCA hazardous waste fact sheet #4.43, “Managing Solvent-based Parts Washers.”
Parts Washer - Aqueous (D002, D008, other metals)	Manage waste as hazardous unless testing shows it is not. Mark waste container with accumulation start date and words Hazardous Waste - [Type] Cleaning Solution . Document weekly inspections. Filter kit may extend solvent life.	Use hazardous waste transporters and facilities if hazardous. Some solutions may be discharged to sanitary sewer with prior permission from your wastewater treatment plant.	Do not contaminate with hazardous aerosols. Never discharge to a septic system. See MPCA hazardous waste fact sheet #4.44, “Managing Aqueous Parts Washers.”
Radiator Repair/ Caustic Washer Waste	Reuse water or neutralize; evaluate sludge and drippings. If hazardous, mark closed container with accumulation start date and the words Hazardous Waste - [Type] Sludge . Document weekly inspections.	Use hazardous waste transporters and facilities if hazardous or send to recycling facility. If nonhazardous, manage as industrial solid waste.	Some smelters can accept lead sludges for reclamation.
Sandblasting Debris (D005, D006, D007, D008)	Evaluate waste. If hazardous, mark closed container with accumulation start date and the words Hazardous Waste - Sandblasting Debris . Document weekly inspections.	Use hazardous waste transporters and facilities if hazardous. If nonhazardous, manage as industrial solid waste. Contact hauler and solid waste disposal site for requirements.	Check to see if sandblast debris can be reused as a feedstock. See MPCA hazardous waste fact sheet #2.42, “Recycling Hazardous Waste - Feedstocks, Byproducts and Sludges.”
Scrap Metal wheel weights, exhaust systems, drained radiators and catalytic converters	Store lead wheel weights in a manner that will prevent hazard to the environment. Drain radiators and catalytic converters.	Recycle all as scrap metal. If not recycled, wheel weights are subject to all hazardous waste rules.	
Sludges/Flammable Trap Waste (D001, D008, D018)	Skim liquid oil and manage as used oil. Evaluate remaining waste. If hazardous, mark closed container with accumulation start date and the words Hazardous Waste - [Type] Sludge Debris . Document weekly inspections.	Use hazardous waste transporters and facilities if hazardous. If nonhazardous, manage as industrial solid waste. Contact hauler and solid waste disposal site for requirements.	Prevent hazardous waste/materials from entering the trap.
Spills or Residues, Petroleum	Prevent spills! In case of spills, contain safely, if possible. Recover and reuse or recycle liquid. Call the Minnesota Duty Officer (24-hour number) at (651) 649-5451 or (800) 422-0798 .	1) Thermally treat. 2) Incinerate. 3) Land apply; call for complete requirements.	For more information, call the MPCA Customer Assistance Center or Small Business Assistance Program.*
Tanks, Aboveground, Containing Oil	Register tanks of 500 gallons or more. Tanks greater than 1,100 gallons or within 500 feet of surface water must have secondary containment.	Recycle tank contents; dispose of sludge properly. Use a certified removal contractor. Be prepared for potentially contaminated soils.	To register a tank or for information, call the MPCA Customer Assistance Center or Small Business Assistance Program.*
Tanks, Underground, Containing Oil	Register tanks of 500 gallons or more. Provide leak detection and corrosion protection; may require spill and overflow protection. Notify the MPCA 10 days prior to installation/removal.	Recycle tank contents; dispose of sludge properly. Use a certified removal contractor. Be prepared for potentially contaminated soils.	To register a tank or for information, call the MPCA Customer Assistance Center or Small Business Assistance Program.*
Tires	Notify MPCA if storing 50 - 500; apply for a permit if storing more than 500. Storage in covered area or indoors is recommended. Stack neatly. Separate by fire lanes. Keep records.	Send to authorized processor or transfer facility via authorized transporter.	For information, call the MPCA Customer Assistance Center or Small Business Assistance Program.*
Towels and Sorbents, Reusable used with solvents (D001, F002, F005)	Wring. Reuse or manage liquid as hazardous. Mark with accumulation start date and words Hazardous Waste - Used Solvent Sorbents/Towels . If weekly laundry service, no container inspection required.	Send to commercial laundry permitted by the local wastewater treatment plant.	Follow fire codes. For more information, see MPCA hazardous waste fact sheet #4.61, “Managing Towels, Wipes and Sorbents.”
Towels and Sorbents, Disposable used with solvents (D001, F002, F005)	Wring. Reuse or manage liquid as hazardous. Containerize sorbents used with carb cleaner, toluene, etc. (F002, F005). Mark with accumulation start date and words Hazardous Waste - Used Solvent Sorbents/Towels . Document weekly inspections.	Manage towels used with parts washer solvent and wrung dry as industrial solid waste. Contact hauler and solid waste disposal site for requirements. Send towels used with carb cleaner, toluene, etc. to a hazardous waste facility via hazardous waste transporter.	Do not throw in the trash! Follow fire codes. For more information, see MPCA hazardous waste fact sheet #4.61, “Managing Towels, Wipes and Sorbents.”
Towels and Sorbents, Reusable used with oil or grease	Wring. Manage liquid as used oil. Mark closed container Launderable Used Oil Sorbents .	Send to commercial laundry permitted by the local wastewater treatment plant.	For more information, see MPCA hazardous waste fact sheet #4.61, “Managing Towels, Wipes and Sorbents.”
Towels and Sorbents, Disposable used with oil or grease	Wring. Reuse until spent/saturated. Manage liquid as used oil. Mark closed container with words Disposable Used Oil Sorbents .	1) Send to a burner permitted to burn oil wastes. 2) Evaluate to determine if hazardous waste.	If burning on site, must be in an approved burning device. For more information, see MPCA hazardous waste fact sheet #4.61, “Managing Towels, Wipes and Sorbents.”
Used Oil, Transmission Fluids, Grease	Store in closed container marked with the words Used Oil .	1) Send with oil hauler for recycling. 2) Burn used oil for energy recovery on site in used oil burner.	If burning on site, must be in an approved burning device. See MPCA hazardous waste fact sheet #4.30, “Managing Used Oil for Generators.”
*Who to call for more information:	If you have more than 100 employees, call: ■ MPCA Customer Assistance Center, (651) 297-2274 or toll-free (800) 646-6247	If you have fewer than 100 employees, call: ■ MPCA Small Business Assistance Program, (651) 282-6143 or toll-free (800) 657-3938	For fact sheets cited, visit the MPCA Web site at: www.pca.state.mn.us



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