



Spill Kits for the Missouri Master Logger

This document serves as a guide to develop and maintain spill kits.

What is a spill kit?

Spill kits are storage and containment units that are comprised of a combination of personal protective equipment, sorbents and tools used to contain and remove materials that may contaminate.

Missouri Clean Water Act (10 CSR 20-8.500)

- You are required to report any amount of a spill to streams or lakes.
- Remove the spilled material and contaminated soil no matter what the quantity, and dispose according to DNR recommendations.
- When a spilled petroleum product is completely contained and no liquid remains within the containment vessel (trash bag) the product may be sent to a landfill, with the landfills permission.
- For DNR a spill is “cleaned up” when no contaminants are detectable by sight or smell.
- Report spills of more than 50 gallons on the soil or a mixing/loading pad.
- Report smaller quantity spills when the nature of the specific compound or location of spill could cause damage.

Have an emergency response plan for the site. Know where the runoff water will go, how to handle your particular chemicals and who to call for help.

To report, call the 24-hour emergency hotline of the Missouri Department of Natural Resources (DNR) 573-634-2436

Maintain your vehicles and equipment Keep vehicles, harvesting and transporting equipment up to date on preventative maintenance. Promptly fix all fuel, oil and hydraulic fluid leaks.

Spill Kits Should: Contain and Remove

Contain: Keep the substance from moving or spreading.
Use a safe, non-toxic absorbent.

Remove: Use a shovel to remove contaminated soil and sorbent.

Minimum Recommended Contents of Universal Spill Kit

- 5-gallon bucket with an air tight lid or a sealing duffle
- Trash bag
- Pair of plastic gloves
- Absorbent pads, loose sorbent (kitty litter, XSORB), or boom socks for spills that occur in water.
- Shovel for removing contaminated soil and sorbent

NOTE: Kitty litter will work as clay based, loose sorbent but other products will be more effective.

Examples of industry supplied spill kits:

- 1) Universal spill kit for about \$17
Sorbent Products Company (SPC) distributed by N.H. Bragg
<http://secure.nhbragg.com/itemFlyPage.php?location=&partid=744397>
- 2) Oil only or universal kit for about \$30-\$40
Cowlitz River Rigging Inc.
http://www.loggingsupply.com/catalog/advanced_search_result.php?keywords=spill+kit&x=0&y=0
- 3) Trucker spill kit for about \$37
Zorin material handling company
http://www.zorinmaterial.com/products/products_detail.cfm?product=293
- 4) Economy, universal and oil only spill kits for about \$50
Ben Meadows
<http://www.benmeadows.com/search/spill+kit/31226779/>
- 5) High quality: universal and custom spill kits, and sorbent materials
WYK Sorbents LLC. Notice, Catalog #: 1501, 1503, 1505
<http://www.uprightinc.com/page7.htm>

NOTE: For pricing and to place custom orders contact John at Wise Safety and Environmental
Phone number: 314-428-3100

Refer to WYK Sorbents Catalog # for items that you have chosen, after looking in their catalog, but you do not see in the Wise Safety and Environmental Products catalog.

http://www.wisesafetyenv.com/storefrontB2CWEB/browse.do?action=refresh_browse&ctg_id=1874

For more information:

http://www.forestresources.org/spill_prevention.html

<http://www.epa.gov/OEM/content/learning/sorbents.htm>