



Pat Quinn, Governor
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Disposal of Expired/Wasted H1N1 Vaccine

Illinois statutes require that medical waste, which includes vaccine, syringes and vaccine vials, must be disposed of in a manner that adheres to Illinois Environmental Protection Agency (IEPA) guidelines. The following information is being provided to outline the necessary steps to address disposal of H1N1 vaccine.

During the 2009-10 flu season, unused or expired H1N1 vaccine products may not be returned to the distributor. Instead, providers are responsible for disposal. To dispose of these materials appropriately, you need to know if they are either hazardous waste or infectious waste or both or neither. Those that are neither are considered industrial solid waste (normal trash).

Hazardous waste

Unused or expired H1N1 vaccines are considered hazardous if they contain mercury (such as thimerosal) or cresol-based preservatives. These are most commonly found in multi-dose vials and some pre-filled syringes. If you already work with a hazardous waste disposal company, you might want to use them to dispose of unused or expired H1N1 vaccine. You can assume that preservative-free vaccines (most commonly single-use vials) and single-dose pre-filled syringes (excluding Novartis syringes) are non-hazardous.

Infectious waste

You can assume that an empty vial that contained H1N1 vaccine is non-infectious. However, that vial is considered infectious waste if combined with a used sharp, such as an injection syringe, broken contaminated glass, or lancet.

Where to Dispose of H1N1 Vaccine, Vials, and Syringes

H1N1 Waste Items	Type of Waste	Where to Dispose
<ul style="list-style-type: none"> • Empty vials • Empty syringes without needles 	Non-infectious and non-hazardous	<ul style="list-style-type: none"> • Normal trash
<ul style="list-style-type: none"> • Empty syringes with needles 	Infectious only (non-hazardous)	<ul style="list-style-type: none"> • Sharps container
<ul style="list-style-type: none"> • Multi-dose vials containing H1N1 vaccine • Pre-filled syringes containing Fluvirin vaccine by Novartis 	Non-infectious and hazardous	<ul style="list-style-type: none"> • Hazardous waste container and management. • May be disposed of through a approved site, usually for a fee. Not all sites accept this waste, so call first.
<ul style="list-style-type: none"> • Used syringe with intact needle that still contains vaccine (unlikely to occur unless syringe malfunctions during use) 	Infectious and hazardous	<ul style="list-style-type: none"> • Hazardous waste container that meets sharps-container requirements • Management compliant with both hazardous and infectious waste requirements • May be disposed of through a hazardous waste disposal company
<ul style="list-style-type: none"> • Preservative-free vaccines (most commonly single-use vials and some pre-filled syringes) 	Non-hazardous	<ul style="list-style-type: none"> • Normal trash

*A vial is considered empty when there is 3% or less of the original vaccine remaining and all vaccine that can be removed by normal means (syringe) has been removed. Single- or multi-dose vials that have been fully administered may still contain extra vaccine. If there is enough leftover vaccine in a vial that more liquid can be removed with a syringe, it must be managed as hazardous waste.

The following link provides information regarding Illinois EPA regulations that apply to disposal of medical waste: <http://www.epa.state.il.us/land/waste-mgmt/factsheets/general-regs.html>

Permitted PIMW Haulers

Permit # Expire Date	Hauler Information	Contact Information
9059	DANIELS SHARPSMART, INC 135 S LASALLE ST STE 2850 CHICAGO IL 60601 1/31/2011	ANDREA ARREDONDO 540-818-0783
9062	MEDICAL WASTE PROFESSIONAL. LLC 2740 STONEGATE COURT HIAWATHA IA 52233 11/30/2010	ALBERT E BROWN 319/378-1070
9061	MED/DISPOSE, INC dba STATEWIDE 3601 E 9 TH STREET INDIANAPOLIS IN 46201 11/30/2010	KRISTA N HAYNES 317/634-0801
9058	BIO-SAFE MEDICAL WASTE, INC. 1090 ROCK RD #9 E. DUNDEE IL 60118 10/31/2010	STAN HICKROD 847/844-1448
9056	ENSERV MIDWEST, LLC 5000 W GREENBROOKE KENTWOOD MI 49512 10/31/2010	RICK POLL 616/356-5031
9070	MEDPRO DISPOSAL LLC 1141-J LAKE COOK RD DEERFIELD IL 60015 9/30/2010	ADAM PANFIL 847/267-0810
9069	DANNER MEDICAL 1717 W MAUD ST POPLAR BLUFF MO 63901 9/30/2010	JERROD MURPHY 573/785/0471
9070	MEDPRO DISPOSAL LLC 1141-J LAKE COOK RD DEERFIELD IL 60015 9/30/2010	ADAM PANFIL 8472670810

9004	STERICYCLE, INC 742 VANDALIA ST ST PAUL 7/31/2010	MN 55114	WADE VAN ZEE 651/641-1480
9057	ADVANT-EDGE SOLUTIONS, INC 927 RED TOAD ROAD NORTH EAST 7/31/2010	MD 21901	DENNIS STORY 410/620-2202
9038	AFTERMATH, INC. 90 TEMPLETON DR OSWEGO 7/31/2010	IL 60543	CHRIS WILSON 6305510735
9025	STERICYCLE, INC 14035 LEETSBIR RD STURTEVANT 7/31/2010	WI 53177	WADE VAN ZEE 262/878-5100