

***GTA 05-08-003**

HAZARDOUS MATERIAL SPILL RESPONSE PROCEDURES

This graphic training aid (GTA) provides a vehicle operator with information to respond to a hazardous material (HAZMAT) release or spill that may occur during vehicle operation. Proper spill response procedures help protect personnel and the environment. The first priority is to protect yourself, passengers, and the nearby public before attempting spill response measures.



**In case of a spill, turn immediately to
SPILL RESPONSE ACTIONS**

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**Headquarters, Department of the Army
September 2009**

*This publication supersedes GTA 05-08-003, April 1998.

HAZARDOUS MATERIAL TRANSPORTATION CONSIDERATIONS

1. Personnel who do not possess Army truck-driver certification should not transport HAZMAT in commercial quantities, and such personnel should NEVER transport HAZMAT without first consulting their unit environmental officer, HAZMAT manager, or chain of command.
2. Military transport operators—personnel possessing Army truck-driver certification—MUST complete hazard communication (HAZCOM) and HAZMAT training and MUST obtain special endorsement to their training records before transporting HAZMAT.
3. All commercial suppliers and Army supply channels (such as the Directorate of Logistics [DOL] and the Assistant Chief of Staff, Logistics [G-4]), MUST provide specific emergency response and cleanup information (for example, DD Form 836, *Dangerous Goods Shipping Paper/Declaration and Emergency Response Information for Hazardous Materials Transported by Government Vehicles* [see figure 1]; Material Safety Data Sheets [MSDSs]; and reportable quantity [RQ] information for determining reporting requirements) to transporters of HAZMAT shipments in commercial quantities. Transporters should obtain this information.
4. Transporters MUST always have emergency response information available during HAZMAT transport (carry completed DD Form 836 and appropriate MSDSs).
5. Transporters should ensure that incompatible materials are segregated and containers are secured in the cargo area of the vehicle. The unit environmental officer, HAZMAT manager, or the appropriate chain of command should inspect the vehicle and cargo and complete DD Form 626, *Motor Vehicle Inspection (Transporting Hazardous Materials)*, prior to transportation operations.
6. Transporters should always have appropriate personal protection equipment (PPE) and a spill kit available for small leaks and spills. The MSDSs for the HAZMAT being transported will list appropriate PPE for spill response for each material.
7. Transporters MUST review the MSDS (refer to paragraph 3 above) before transporting any HAZMAT.

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DANGEROUS GOODS SHIPPING PAPER/DECLARATION AND EMERGENCY RESPONSE INFORMATION FOR HAZARDOUS MATERIALS TRANSPORTED BY GOVERNMENT VEHICLES

1. a. NOMENCLATURE: d. CONTAINER SEAL NO.:
 b. MODEL NO.: e. SERIAL NO.:
 c. BUMPER NO.: f. TCN NUMBER:

2. SHIPPER NAME/ADDRESS/TELEPHONE NO./DATE OF PREPARATION 3. PAGE _____ OF _____ PAGES

4. CARGO (To be completed by the unit or shipper Transportation Office (TO))

PROPER SHIPPING NAME (Include RC, Technical Names, Additional information per 49 CFR 172.203, as required)	HAZARD CLASS/DIVISION	SUBSIDIARY HAZARD	UNID NUMBER	PACKING GROUP (PG)	PACKAGES NUMBER	PACKAGES KIND	TOTAL NET QUANTITY	TOTAL AMMO (NEW)
a.	b.	c.	d.	e.	f.	g.	h.	i.

5. CONSIGNEE NAME

6. REMARKS

7. a. COPY OF EMERGENCY RESPONSE GUIDE NUMBER(S)

b. EMERGENCY NOTIFICATION. In all cases of accident, breakdown or fire, promptly call emergency assistance telephone number(s) in Item 7c below and then shipper and/or consignee in Item 2 above, in that order.

c. 24-HOUR EMERGENCY ASSISTANCE TELEPHONE NUMBERS:

DOD NON-EXPLOSIVE HAZMAT: 1-800-851-8061 (FOR CALLS FROM SHIPS AT SEA)	DOD HAZ CLASS 1 (EXPLOSIVES) ONLY: (703) 697-0218 or 0219 (COLLECT) OR DSN 227-0218 (WATCH OFFICER)	CHEMICAL/BIOLOGICAL WARFARE MATERIAL DUTY HOURS: DSN 584-3044, 584-7211, 584-6455, Comm. (410) 436-3044, (410) 436-7211, (410) 436-6455 AFTER DUTY HOURS: DSN 584-2148, Comm. (410) 436-2148 (Ask for TEU S3)	SECURE HOLDING: 1-800-524-0331 OIL AND CHEMICAL SPILLS: NATIONAL RESPONSE CENTER (NRC) AND TERRORIST HOTLINE: 1-800-424-8802 AT SEA: 202-267-2675 (COLLECT)	DOD RADIOACTIVE MATERIALS: ARMY: (703) 697-0218 (COLLECT) USAF: (202) 767-4011 (COLLECT) USN/NC: Use 24-hour emergency response phone number provided by USN/NC activity initiating shipment. DLA: (717) 770-5283 (COLLECT)
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8. SHIPPER'S CERTIFICATION
 This is to certify that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the regulations of the Department of Transportation.

a. TYPE OR PRINT NAME OF SHIPPER CERTIFIER c. SIGNATURE(S) OF VEHICLE OPERATOR(S)

b. SIGNATURE OF SHIPPER CERTIFIER AND DATE

DD FORM 836, APR 2005 PREVIOUS EDITION IS OBSOLETE. APO PE V1.00

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Figure 1. DD Form 836

SPILL RESPONSE ACTIONS

Step 1. Protect yourself and other people; evacuate the area if necessary.

- Evaluate your *safety* abilities. Do you have the knowledge, training, and equipment necessary to *safely* initiate active spill-response measures? (If not, go to step 4.)
- Use the appropriate PPE if you have determined that a spill is safe to clean up. Use PPE as recommended by the corresponding MSDS, depending on the type of material released. **Do NOT clean up spills without proper PPE.**

Step 2. Stop the flow if you can do it *safely*. (If not, go to step 4.) Stopping the flow may be as simple as setting a container upright, closing a valve, or rotating a leaking drum so the opening is on top.

WARNING

If the spilled material is flammable or explosive, use only nonsparking tools and ensure that metal-to-metal contact is avoided.

Step 3. Contain the flow and spread of HAZMAT if you can do it quickly and safely.

- If the spill appears to be beyond your ability to contain quickly and safely using the methods described below, *report it immediately* (see step 4). Do not wait until the spill becomes a major problem before reporting it.
- Catch drips and leaks using drip pans before the material contacts soil or water.
- Place soil berms or sandbags around the contaminated area to prevent the spill from spreading. Place absorbent material in the spill area to draw the material out of the soil or pavement.
- Use common sense when containing the spill. Clean up only small spills that you can reasonably and *safely* handle.

Step 4. Report the spill immediately after containing the flow and stopping the spread of the contaminant OR after determining that you cannot *safely* do so.

NOTE: Failure to report spills in a timely manner can endanger other people and is a serious violation of environmental law.

- Notify the chain of command and the unit environmental officer that a spill has occurred.
- Report the following information: the type and quantity of material (is it an RQ? [see paragraph 3, Hazardous Material Transportation Considerations]), the time and location of the occurrence, any related injuries, whether the spill can or has reached water (such as a stream, river, or wetland), the need for assistance, the name of the person reporting, and the discoverer.
- Notify the local HAZMAT spill team, emergency number (911), or range control if additional assistance is needed.

Step 5. Clean the spill if it is *safe* to do so, but only after meeting the reporting requirements outlined in step 4.

- Consult your chain of command regarding the advisability of cleanup, who should perform the cleanup, and what methods to use. Use common sense.
- ALWAYS know what kind of material you are transporting so that you can properly determine if it is *safe* to initiate a cleanup action.
- Choose the proper equipment to clean a spill.
- Consult your chain of command for local spill residue disposal requirements.
- Decontaminate equipment and containerize decontamination liquids/materials according to disposal requirements. If decontamination is not possible, containerize or double-bag equipment and label the contents as contaminated equipment. Dispose of contaminated equipment and materials as directed by your chain of command. You may need to transport the contaminated equipment or materials to your destination.

Step 6. Replace spill response equipment immediately after using it so that you will be ready for the next emergency. This equipment can be obtained through company supply channels.

RECOMMENDED SPILL CLEANUP KIT

- Vehicle Spill Equipment
 - ✓ Shovel
 - ✓ Absorbent material
 - ✓ Drip pan
 - ✓ Plastic tarp
 - ✓ Fire extinguisher
 - ✓ Plastic bags
 - ✓ Labels and markers
- PPE (determine appropriate PPE by consulting the MSDSs or your unit environmental officer)
 - ✓ Eye protection (as needed)
 - ✓ Respiratory protection (as needed)
 - ✓ Chemical-resistant coveralls
 - ✓ Chemical-resistant boots
 - ✓ Chemical-resistant gloves

EMERGENCY TELEPHONE NUMBERS OR RADIO CALL SIGNS

Fill in the appropriate emergency telephone numbers or radio call signs for your area of operations.

Chain of command	
Unit environmental officer	
HAZMAT spill team	
Range control	
Base camp environmental staff	
Base camp facilities engineer	
State or host nation spill response hotline	