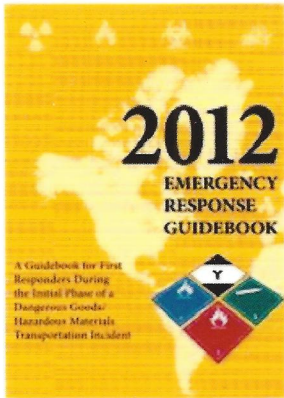


2012 Emergency Response Guidebook (ERG)



Source: 2012 Emergency Response Guidebook.pdf

The ERG is a guide to aid first responders in quickly identifying the specific or generic classification of material(s) involved in an incident, and protect themselves and the general public during the initial response phase of an incident. The placard or an orange panel placed below the placard should include a four digit number that can be looked up in the ERG. A truck does not need to display a placard if the amount of material is below a certain quantity.

ERG Contents:

- **Yellow**-bordered pages- List of dangerous materials in numerical order of the four-digit ID number
- **Blue**-bordered pages- List of dangerous materials in alphabetical order
- **Orange**-bordered pages- List of safety recommendations divided into 3 main sections: Potential Hazards, Public Safety, and Emergency Response
- **Green**-bordered pages-
 - Table 1: "Initial Isolation and Protective Action Distances" for those materials highlighted in **Green** in the **Yellow** and **Blue**-bordered pages.
 - Table 2: "Water-Reactive Materials Which Produce Toxic Gases"
 - Table 3: "Initial Isolation and Protective Action Distances for Different Quantities of Six Common Toxic Inhalation Hazard (TIH) Gases"

Important Safety Precautions for First Responders

- Resist Rushing In!
- Approach incident from upwind, uphill or upstream
- Stay clear of all spills, vapors, fumes, smoke and suspicious sources
- Secure the scene
- Obtain help

EMERGENCY RESPONSE GUIDEBOOK and MOBILE APP:

<http://www.phmsa.dot.gov/staticfiles/PHMSA/DownloadableFiles/Files/Hazmat/ERG2012.pdf>

<https://play.google.com/store/apps/details?id=gov.nih.nlm.erg2012>

For more information on quantities of specific substances or DNR guidelines, refer to Designation, Reportable Quantities and Notification (40 CFR, Part 302) or NR 706.

For additional copies, please send an email request to timeprogram@dot.wi.gov.

7/09/14



Emergency Hazardous Materials Response- Quick Reference

Identification:

1. **Placards** – are color-coded based on the class of hazardous material being transported. They should be placed on each end and each side of the transport vehicle. A 'dangerous' placard may be utilized if the truck is carrying multiple non- bulk packages of hazardous material.
2. **Bill of lading / Shipping peers** – identify the type of material being transported
3. **Labels** – placed on the actual item
4. **Markings** – on the boxes that the material is transported in

Notification:

The Wisconsin Dept. of Natural Resources (DNR) shall be called immediately for any discharge of hazardous substance that adversely threatens public health, welfare or the environment. Responders should contact the DNR using their 24-hour spill emergency hotline, 1-800-943-0003. Even if the responding agency is licensed and capable of handling a hazardous materials spill, they still must contact the DNR if it is a reportable spill.

As outlined in WI Administrative Code Chapter NR 706, not all hazardous material spills require notification of the DNR. If a hazardous spill involves discharges within limits outlined in list (1) and meets all the criteria outlined in list (2) the spill does NOT need to be reported to the DNR.

1. Discharge Type and Amount

- Discharge of gasoline or another petroleum product that is completely contained on an impervious surface
- Less than 1 gallon of gasoline that is discharged onto surface that is not impervious or runs off an impervious surface
- Less than 5 gallons of a petroleum product other than gasoline (including diesel and airplane fuel) that is discharged onto a surface that is not impervious or runs off an impervious surface
- Less than 250 pounds of a dry fertilizer
- Less than 25 gallons of a liquid fertilizer, unless the reportable quantities are listed for chemicals in 40 CFR part 117 or 302
- Discharge of pesticides (just like liquid fertilizer) that would cover less than 1 acre of land if diluted as stated on the instruction label

2. Criteria

- Has evaporated or been cleaned up in accordance with NR 700-754
- Does not adversely impact or threaten to adversely impact the air, lands, waters of the state as a single discharge, or when accumulated with past discharges
- Does not cause or threaten to cause chronic/acute human health impacts
- Does not present or threaten a fire or explosion or other safety hazards