

## Transportation and Fueling Operations

A Fact Sheet prepared by the National Telecommunications Safety Panel

### Introduction

After a Natural Disaster, the transportation of fuel for generators and vehicles is required. The following guidelines will help in understanding the safe ways to transport fuels after a Natural Hazards event.

### Gasoline

**Gas** may be carried under the Hazardous Materials - Materials of Trade Exception (49 CFR 173.6) in quantities not greater than 8 gallons per container with the total weight of all hazardous materials not exceeding 440 pounds (at a weight of 35 lbs per 5 gallon container). **Any quantity of gasoline greater than 8 gallons per container must comply fully with hazmat regulations.**

**Gasoline** must be transported in a red metal UL listed safety can.



**Gasoline** carried in quantities per container **greater than 8 gallons per container** must comply with the following:

1. The package/container must be marked on one side as follows:  
Gasoline  
UN1203
2. The package/container must be labeled with a class 3, flammable liquid label.
3. Shipping Papers must be carried along with an MSDS sheet for gasoline.



**Gasoline** carried in **excess of 119 gallons** must comply with items 1-3 above as well as the following:

1. The driver must obtain a Commercial Drivers License with a hazardous materials endorsement.
2. The vehicle must be placarded with the appropriate placard.

### Emergency Relief

Relief from the Federal Motor Carrier Safety Regulations (FMCSR), Parts 390 – 399 is provided in the event of a state of emergency declared by the President of the United States or Governor of a State. This **does not** provide relief from the referenced regulations, as they are in parts 383 of the FMCSR and there is no relief from the Hazmat Regulations (Parts 100 –185).

### Diesel

#### Less Than 119 Gallons Non-Bulk

Diesel fuel is exempt from the hazardous materials regulations if packaged in **non-bulk (less than 119 gallons each)** containers. When carried in non-bulk containers, there is no limit on total gallons carried at any one time. This falls under 49CFR 173.150(f) of the DOT Hazardous Materials regulations which states that a flammable liquid with a flash point above 100 degrees



Fahrenheit may be re-classed as a combustible liquid. It is recommended that employees be trained at a minimum in Hazard Communication and Spill Response.

Vehicles should be equipped with a petroleum spill kit when transporting large quantities of diesel fuel.

#### Greater Than 119 Gallons Bulk

Diesel fuel carried in **bulk (greater than 119 gallons)** containers must comply with the following:

1. The container must be marked on one side as follows:  
Diesel Fuel  
NA 1993
2. The package/container must be labeled with a class 3, combustible label.
3. Shipping Papers must be immediately available upon request along with an MSDS sheet for diesel fuel.
4. The driver must obtain a Commercial Driver License with a hazardous materials endorsement. The driver and vehicle must meet several other federal DOT requirements.
5. Diesel fuel weighs approximately 7.5 pounds per gallon. At quantities weighing 1,000 pounds or more, the vehicle must be placarded with the appropriate placard.



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## Gas and Diesel Transportation and Fueling Operations, continued

### Additional Information:

- Federal Motor Carrier Safety Regulations:  
[http://www.access.gpo.gov/nara/cfr/waisidx\\_99/49cfrv4\\_99.html](http://www.access.gpo.gov/nara/cfr/waisidx_99/49cfrv4_99.html)
- Hazardous Materials  
[http://www.access.gpo.gov/nara/cfr/waisidx\\_03/49cfr173\\_03.html](http://www.access.gpo.gov/nara/cfr/waisidx_03/49cfr173_03.html)
- Pipeline and Hazardous Materials Safety Administration - Office of Hazardous Materials Safety  
<http://hazmat.dot.gov/regs/notices/exemp/69fr/69fr-9017.pdf>