

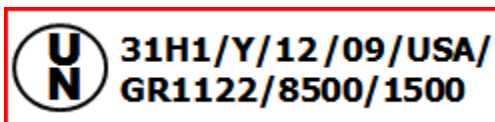
## Pesticide Portable Refillable Containers

The new EPA Container rules require all portable refillable containers (PRCs or mini-bulks) to meet US DOT Hazardous Materials (HazMat) requirements by Aug. 16, 2011.

HazMat container approval under the US DOT falls into 3 categories:

- Non-Bulk (containers with a volume of 119 gal. or less, typically drums),
- Intermediate Bulk (Specific container design between 119 gal. and 793 gal.)
- Portable Tank (tanks with a volume of greater than 119 gal.),

Since 1991 all non-bulk and intermediate bulk packages approved for HazMat use have been subject to the United Nations performance testing and marking requirements. These packages will be marked with an Authorization mark similar to the one shown to



the left. All authorized non-bulk and intermediate bulk containers will have the “UN” in a circle followed by a letter and number combination that communicates the type of container. Common container types in pesticide refill use are:

- Non-bulk Drums (1A1, 1A2, 1H1, 1H2)
- Intermediate Bulk (asset tanks) (31H1, 31H2, 31A1)
- Composite IBCs (cage tanks) (31HA1).



Less commonly used are US DOT Portable tanks. These tanks may be authorized and marked with a US DOT specification (DOT 55, US DOT 57, US DOT60) or may be “Non-DOT” authorized.

A container of greater than 119 gallons, that does not have a UN or DOT specification mark, will need to be verified by the pesticide manufacturer as meeting the US DOT HazMat requirements.

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