



Fullriver Battery Transportation Information

Fullriver batteries are sealed lead acid batteries made with Absorbed Glass Mat (AGM) technology. The electrolyte is absorbed into the fiberglass separator material rather than in a free-flowing liquid form.

Fullriver batteries are non-spillable electric storage batteries. They are excepted from the requirements of DOT's hazardous materials regulations, since they adhere to the requirements of code 49 CFR Section 173.159(D) which states:

A non-spillable wet electric storage battery is excepted from all other requirements of this sub chapter under the following conditions:

- *The battery must be protected against short circuits and securely packaged*
- *The battery and outer packaging must be plainly and durably marked "NON-SPILLABLE" or "NON-SPILLABLE BATTERY"*
- *The battery must be capable of withstanding the Vibration and Pressure Differential test specified in 49 CFR 173.159(d)(3)(i) and 49 CFR 173.159(d)(3)(ii); and*
- *At a temperature of 55°C (131°F), the battery must not contain and unabsorbed free-flowing liquid, and must be designed so that electrolyte will not flow from a ruptured or cracked case.*

Fullriver batteries are protected against short circuits and are securely packaged. Both the batteries and the outer packaging are clearly marked "NON-SPILLABLE". Fullriver batteries were tested by a third party lab and determined to be in compliance with the DOT regulations stated in code 49 CFR Section 173.159(D). Since Fullriver batteries meet all the requirements they are considered non-hazardous and therefore do not require a UN number or additional DOT hazardous material labeling.

This notice is to clarify to shippers and transporters that our batteries are packaged and marked in accordance to 49 CFR 173.159(D) and are determined to be in compliance with DOT HMR49 Non-Hazardous Materials, and the International Air Transportation Association (IATA), Special Provisions S.P. A67 & A48.

Therefore, Fullriver batteries are not restricted for shipment by air or any other means of transportation and are exempt from the hazardous material category.