INSTRUCTIONS
FOR PACKAGING & SHIPMENT

Required Packaging Procedures:
Wet Lead Acid/Alkali Batteries

40 CFR 173.159

ATTENTION:

We've updated our required procedures for packaging wet lead acid/alkali batteries for transport.

UNACCEPTABLE PACKING.
Avoid extra charges or a delay in pickup or shipping.

X

X **Broken or Leaking Waste**
We CANNOT accept batteries that are broken or leaking.

X **Incorrectly packaged batteries**
We WILL NOT accept wet batteries that do not follow the 40 CFR 173.159 guidelines outlined in this document.

SEE GUIDELINES BELOW

Paragraph A

A. Electric storage batteries, containing electrolyte acid or alkaline corosive battery fluid (wet batteries) may not be packaged with other materials except as provided in paragraphs (g) and (h) of this section and in section 173.220 and 173.222; any battery or battery-powered device must be prepared and packaged for transport in a manner to prevent:

(1) A dangerous evolution of heat
(2) Short circuits

Paragraph C

C. The following specification packagings are authorized for batteries packed without other materials:

- √ Wooden boxes
- √ Fiberboard boxes
- √ Plastic drums and jerrican
- √ Plastic boxes

Important Information on Reverse

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Paragraph D

D. (1) The following non-specification packagings are authorized for batteries packed without other materials. The batteries must be:

- ✓ Protected against short circuits;
- ✓ Firmly secured to skids or pallets;
- ✓ Capable of withstanding shocks normally incident to transportation;
- ✓ The height of the completed unit must not exceed 1.5 times the width of the skid or pallet;
- ✓ Capable of withstanding without dammage, a superimposed weight equal to two times the weight of the unit, or
- ✓ If the weight of the unit exceeds 2,000 pounds, a superimposed weight of 4,000 pounds.
- ✓ Battery terminals must not be relied upon to support any part of the superimposed weight.

Our Preferred Stacking Procedure

- Topped w/ cardboard and whole pallet should be wrapped with shrink wrap until stable
- Batteries secured together with shrink wrap
- Cardboard
- Batteries secured together with shrink wrap
- Cardboard
- Batteries secured together with shrink wrap
- Cardboard underlayment
- Pallet

Disclaimer
Information provided pursuant to 49CFR 173.159 October 1,2011. This information is intended to be a brief overview of regulations for packaging "wet batteries" for shipment. It is not a complete guide, additional regulations may apply. Review 40 CFR Section 173.159 and your DOT regulations for all applicable requirements.

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