

**GROUND TRANSPORTATION  
(Packaging & Labeling)**

**LITHIUM METAL  
LARGE SIZE**

**SHIP AS CLASS 9**

**49 CFR, 173.185**

**(GUIDE LINE AND REFERENCE ONLY, "HM" TRAINING CERTIFICATION REQUIRED)**

- Cell is larger than 5 g of lithium content.
- Battery is larger than 25g of lithium content.
- Cells or batteries are of a type proven to meet the requirements of each test in the UN Manual of Tests and Criteria, except:
  - for Low production runs and Prototype [see 49CFR/173.185/(e), PGI container required]
  - for disposal or recycling, see 49CFR173.185/(d)
- The lithium battery or cell must be packed in non-metallic inner packaging in such a manner as to prevent short circuits, including movement which could lead to short circuits.
- The inner packaging containing lithium cells or batteries must be placed in the "UN" approved packaging, PG II level [exception: see 173.185/ (b)/(5)]
- Basic description: UN 3090, LITHIUM METAL BATTERIES, 9
- Labels as shown below.

FROM:
TO:

<b>Lithium metal batteries UN 3090</b>
--



