

**PRE-CERTIFIED UN 4G PACKAGING****COMPONENT CHECK LIST:**

<b>Quantity</b>	<b>Description</b>
<b>(2)</b>	<b>Closure: 63-S001 63mm Threaded Closure. Liner: Option (1): 6328003 PE Foam Liner. Option (2): 632D12K Foil Induction Sealed Liner.</b>
<b>(2)</b>	<b>Bottle: 2.5 Gallon F-Style High Density Polyethylene, MOLD 221, 222, 223, 224. Finish: 63mm Neck</b>
<b>(1)</b>	<b>Outer Shipper: 51 ECT Double-Wall Mottled White Corrugated Fiberboard, B/C-Flute Manufacture's Joint: Inside Glued 1-5/8" lap. Outside Dimensions: 13-1/2" L x 9-1/8" W x 14-7/16" D  Case Sealing: (1) Top: Strip of 3M # 375 Pressure Sensitive Tape, 2" Minimum Overlap (2) Bottom: Strip of 3M # 375 Pressure Sensitive Tape, 2" Minimum Overlap</b>

**Note: Substitution of any of the components listed above  
may render the UN certification invalid**

**Packaging Suitability**

- 1. Packaging has been certified for Packaging Group II and III liquids  
with specific Gravity not exceeding 1.6  
with Authorized Gross Mass 35.5 kg (78.2 lbs).**
- 2. The internal pressure test required for air shipment has been conducted  
on the inner packaging. Test Level = 95 kpa (13.8)**

**It is the shipper's responsibility to ensure that:**

- 1. The packaging is authorized for the intended hazardous material.**
- 2. The packaging is compatible with its lading, and**
- 3. The packaging meets all general shipper requirements of 173.24 and 173.24 (a).**

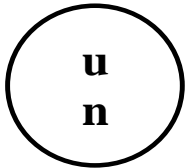
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**Packaging Assembly:**

1. Once filled, the closure must be applied to the bottle using an application torque of 75 in-lbs (6.24 ft-lbs) using a torque wrench with a force indicator.
2. The bottom of the reshipper is sealed with a strip of 3M # 375 Pressure Sensitive Tape with a 2" minimum overlap.
3. The Inner Packages (bottles) are then seated side-by-side into the taped bottom reshipper.
4. The top flaps of the reshipper are folded down and sealed with a strip of 3M # 375 Pressure Sensitive Tape with a 2" minimum overlap.

**Note:** Failure to follow the packaging assembly instructions listed above may render the UN certification invalid

**Explanation of UN Marking**



4G / Y35.5 / S / \*\*  
USA / +AA4377

<u>Marking</u>	<u>Explanation</u>
4G	Packaging Identification Code 4G Box, Fiberboard
Y	Packaging has been certified at Packaging group II, Test Levels (Y) which covers Packing Group II & III liquid hazardous materials
35.5	Authorized package gross mass in Kg
S	Denotes Inner packaging
**	Insert 2 digit year the packaging was manufactured ("10" = 2010)
USA	Country authorizing allocation of the marking
+AA4377	Packaging tested and certified by a DOT Third Party Certification Agency