



**Q1:** Is each container > 1 L (61.0 cubic in.) capacity? IF YES, Use this packing instruction (PI). IF NO GO TO Q2.

**Q2:** Is aerosol can charged to > 180 psig (1241.1 kPa) at 54.4°C (130°F)? IF YES, Use this PI, IF NO GO TO Q3.

**Q3:** Is total weight (ALL contents + packaging) GREATER than (>) 66 lbs? IF YES, USE THIS INSTRUCTION.

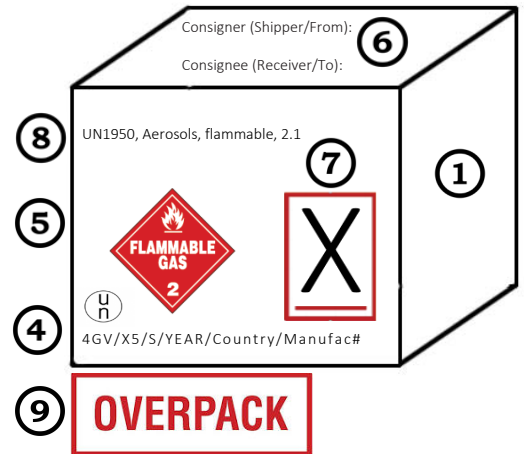
IF YOU ANSWERED 'NO' TO Q1, Q2, AND Q3, USE PACKING INSTRUCTION 1950AFE-LQ TO PACK/SHIP PRODUCT

**MODE OF TRANSPORT PROHIBITIONS:** Ground shipping: **ALLOWED** | NO AIR OR VESSEL SHIPPING IS PERMITTED W/O WRITTEN AUTHORIZATION FROM LIIHAZMAT@LENNOXINTL.COM. IF WRITTEN AUTHORIZATION IS GIVEN, LIMITS ARE: Passenger aircraft/rail: **ALLOWED 165 lb (75 kg) limit** | Cargo aircraft: **ALLOWED 331 lb (150 kg) limit** | Vessel: **ALLOWED, Stowage Category A, 25, 87, 126**

**MATERIALS OF TRADE EXCEPTION - MAY BE SOLD BY LENNOX STORES TO TRADESMEN IN QUANTITIES NOT TO EXCEED A TOTAL OF 220 POUNDS (100 KILOGRAMS) OF PRODUCT** UNLESS tradesmen shows proof of commercial drivers license (CDL) with hazardous materials /dangerous goods endorsement. If tradesman has endorsed CDL, sales volume limits do not apply.

### CONTAINER & PACKAGING REQUIREMENTS

- ① Use strong outer packaging appropriate for weight of contents (i.e. box must be rated for the maximum weight being placed in the box). If you cannot tell the weight rating of the box, please ask your supervisor and/or contact Lennox Environmental at liihazmat@lennoxintl.com or +1-972-497-7532.
- ② Protect valves from leaking or damage by wrapping, using a cap, or other protective devices. If for any reason, wrapping, caps and protective devices are not available or practical, exemptions may apply. Contact LIIHazmat@lennoxintl.com for a waiver.
- ③ Add separation materials to prevent damage to containers AND hold upright.
- ④ Cardboard packing box must have a PREPRINTED UN symbol on it, and a rating of 4GV/X5/S, 4GV/X7/S, or 4G/Y24.2/S. IF A BOX IS REQUIRED to ship this product. If you do not have a U/N certified box contact your supervisor, you may not use a non-U/N certified box to ship this product.
- ⑤ Box must be labeled with the Class 2 Flammable Gas Label on two opposite sides of box. NEVER PUT LABELS ON TOP OR BOTTOM OF BOX.
- ⑥ Place the Consigner (Shipper/From) / Consignee (Receiver/To) on box with weather resistant marking.
- ⑦ No Orientation Arrow is required for this UN number.
- ⑧ Box must be marked with "UN1950" and "Aerosols, flammable, (each not exceeding 1 L capacity)" within 6 inches of labels in ⑤
- ⑨ If you are putting an inner package/box holding this product inside an outer box or on a pallet (i.e. using an 'overpack'), inner boxes MUST MEET THIS PACKING INSTRUCTION. **AND**, outer box or pallet shrinkwrap MUST BE MARKED and LABELED with every marking/label used on the inner boxes if not visible through the overpack. **Outer box must have the OVERPACK marking.**



An 'overpack' is a container (box, shrink-wrapped pallet, etc.) used to consolidate individual containers in an easier to ship form.

FOR QUESTIONS OR WAIVERS PLEASE CONTACT LIIHAZMAT@LENNOXINTL.COM

DO NOT SHIP UN1950AF IN THE SAME VEHICLE WITH THESE CLASSES



DO NOT SHIP UN1950AF WITHOUT SEPARATION IN THE VEHICLE WITH THESE CLASSES



**Q1:** Is each container 1 L (61.0 cubic inches) capacity or less? IF YES, GO TO Q2, IF NO, USE PI-1950AFE-R

**Q2:** Is the aerosol can charged to 180 psig (1241.1 kPa) or less at 54.4°C ( 130°F)? IF YES, GO TO Q3, IF NO, USE PI-1950AFE-R

**Q3:** Is total weight (ALL contents + packaging) LESS than (<) 66 lbs? IF YES, USE THIS INSTRUCTION.



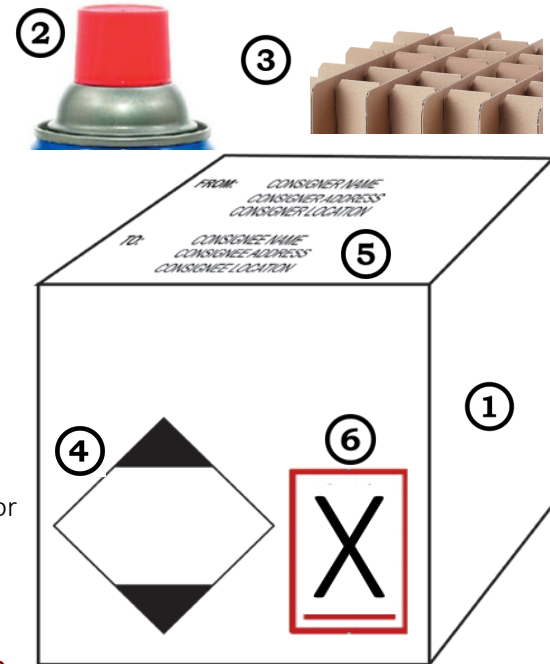
IF YOU ANSWERED 'NO' TO Q1, Q2, AND/OR Q3 USE PACKING INSTRUCTION 1950AFE-R TO PACK/SHIP PRODUCT

**MODE OF TRANSPORT PROHIBITIONS:** Ground shipping: **ALLOWED** | Passenger aircraft/rail: **ALLOWED 165 lb (75 kg) limit** | Cargo aircraft: **ALLOWED 331 lb (150 kg) limit** | Vessel: **ALLOWED, Stowage Category A, 25, 87, 126**

**MATERIALS OF TRADE EXCEPTION - MAY BE SOLD BY LENNOX STORES TO TRADESMEN IN QUANTITIES NOT TO EXCEED A TOTAL OF 220 POUNDS (100 KILOGRAMS) OF PRODUCT** UNLESS tradesmen shows proof of commercial drivers license (CDL) with hazardous materials /dangerous goods endorsement. If tradesman has endorsed CDL, sales volume limits do not apply.

### CONTAINER & PACKAGING REQUIREMENTS

- ① Use strong outer packaging appropriate for weight of contents (i.e. box must be rated for the maximum weight being placed in the box). If you cannot tell the weight rating of the box, please ask your supervisor and/or contact Lennox Environmental at liihazmat@lennoxintl.com or +1-972-497-7532.
- ② Protect valves from leaking or damage by wrapping, using a cap, or other protective devices. If for any reason, wrapping, caps and protective devices are not available or practical, exemptions may apply. Contact LIIHazardmat@lennoxintl.com for a waiver.
- ③ Add separation materials to prevent damage to containers AND hold upright.
- ④ Box must be marked with the Limited Quantity (LQ) marking on one side of box.
- ⑤ Place the Consigner (Shipper/From) / Consignee (Receiver/To) on box with weather resistant marking.
- ⑥ No Orientation Arrow is required for gas cylinders.
- ⑦ If you are putting an inner package/box holding this product inside another box or on a pallet (i.e. using an 'overpack'), inner boxes MUST MEET THIS PACKING INSTRUCTION. **AND**, outer container or shrink wrap MUST BE MARKED and LABELED with every marking/label used on the inner boxes if not visible through the overpack. **Outer box must have the OVERPACK marking.**
- ⑧ Weigh the completed package once all items have been added. Verify max gross weight of the package DOES NOT EXCEED 66 lbs (30 kg). If weight exceeds 66 pounds you must use PI-1950AFE-R for fully regulated hazardous materials packing instructions instead.



**WARNING-** If liihazmat@lennoxintl.com approves IN WRITING shipping by air or rail, you must add this label to two OPPOSITE sides of box (in addition to the LQ label) and not exceed the quantity limits under **MODE OF TRANSPORT PROHIBITIONS** listed above. IATA shipping papers are required for AIR SHIPPING.

**SHIPPING PAPER CHECK IS REQUIRED** Before providing shipping papers to a carrier, you must verify the product description on the shipping paper (bill of lading) is correct. If your **package** weighs 66 pounds (lbs) or less, you must add "**Ltd Qty**" to the shipping paper using a pen after the description located in the **SEE !!WARNING!! IMAGE. PACKAGE WEIGHT:** By legal definition includes all contents including hazardous materials in one container or on a pallet yielding a **TOTAL** weight of shipment (not just individual hazardous material weight).

**!! SHIPPING PAPER WARNING !!**  
ADD "**LTD QTY**" ON ANY SHIPMENT 66 LBS OR LESS

Descriptions of articles	special marks and Exceptions
***** DANGEROUS GOODS *****	(X,X kg)
UN1950, Aerosols, flammable, 2.1, Ltd Qty	←
AIR CONDITIONERS, FURNACES, SOLAR HEATING AND COOLING EQUIPMENT, AND MATERIALS EQUIPMENT, AND SUPPLIES USED IN THE MANUFACTURE, SALE, AND DISTRIBUTION THEREOF.	

FOR QUESTIONS OR WAIVERS PLEASE CONTACT [LIHAZMAT@LENNOXINTL.COM](mailto:LIHAZMAT@LENNOXINTL.COM)

DO NOT SHIP UN1950AF IN THE SAME VEHICLE WITH THESE CLASSES

DO NOT SHIP UN1950AF WITHOUT SEPARATION IN THE VEHICLE WITH THESE CLASSES



Aerosols, corrosive, Packing Group II or III, (each not exceeding 1 L capacity)	2.2	UN1950	2.2, 6	A34	306	None	None	75 kg	150 kg	A	25, 87, 126
Aerosols, flammable, (each not exceeding 1 L capacity)	2.1	UN1950	2.1	N82	306	None	None	75 kg	150 kg	A	25, 87, 126
Aerosols, flammable, n.o.s. (engine starting fluid) (each not exceeding 1 L capacity)	2.1	UN1950	2.1	N82	306	304	None	Forbidden	150 kg	A	25, 87, 126
Aerosols, non-flammable, (each not exceeding 1 L capacity)	2.2	UN1950	2.2		306	None	None	75 kg	150 kg	A	25, 87, 126
Aerosols, poison, Packing Group III (each not exceeding 1 L capacity)	2.2	UN1950	2.2, 6.1		306	None	None	Forbidden	Forbidden	A	25, 87, 126

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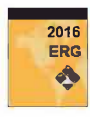
UN/NA 1950



CAMEO Chemicals has no chemical datasheets with response recommendations for this UN/NA number. Response recommendations from the ERG are provided below.

Emergency Response Guidebook (ERG, 2016)  
What is this information?

Material Names  
Aerosols



Response Guide 126  
Gases - Compressed or Liquefied (Including Refrigerant Gases)  
English Español Français

There are no initial isolation and protective action distances listed in the ERG.  
The ERG doesn't predict that large amounts of toxic-by-inhalation gases will be produced if this material is spilled in water.

Hazmat Table (49 CFR 172.101)  
What is this information?

UN/NA	Proper Shipping Name	Hazard Class	Labels	Notes*
UN	Aerosols, corrosive, Packing Group II or III, (each not exceeding 1 L capacity).	2.2	2.2, 8	
UN	Aerosols, flammable, (each not exceeding 1 L capacity)	2.1	2.1	
UN	Aerosols, flammable, n.o.s. (engine starting fluid) (each not exceeding 1 L capacity)	2.1	2.1	
UN	Aerosols, non-flammable, (each not exceeding 1 L capacity)	2.2	2.2	
UN	Aerosols, poison, Packing Group III (each not exceeding 1 L capacity)	2.2	2.2, 6.1	

\* There are three notes: (1) whether the displayed information is for domestic (U.S.) or international shipping (if neither is specifically indicated, it applies to both), (2) whether the proper shipping name must include one or more technical names of the hazardous material in parentheses, and (3) whether the hazardous material is an inhalation hazard.



SEGREGATION TABLE FOR HAZARDOUS MATERIALS

Class or division	Notes	1.1	1.2	1.3	1.4	1.5	1.6	2.1	2.2	2.3 gas zone A	2.3 gas Zone B	3	4.1	4.2	4.3	5.1	5.2	6.1 liquids PG I zone A	7	8 liquids only	
Explosives	1.1 and 1.2	A	*	*	*	*	*	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Explosives	1.3		*	*	*	*	*	X		X	X	X	X	X	X	X	X	X		X	
Explosives	1.4		*	*	*	*	*	O		O	O	O	O	O	O	O	O	O		O	
Very insensitive explosives	1.5	A	*	*	*	*	*	X	X	X	X	X	X	X	X	X	X	X		X	X
Extremely insensitive explosives	1.6		*	*	*	*	*														
Flammable gases	2.1		X	X	O	X				X	O							O		O	
Non-toxic, non-flammable gases	2.2		X			X															
Poisonous gas Zone A	2.3		X	X	O	X		X					X	X	X	X	X			X	
Poisonous gas Zone B	2.3		X	X	O	X		O				O	O	O	O	O	O			O	
Flammable liquids	3		X	X	O	X				X	O							X			
Flammable solids	4.1		X			X				X	O							X		O	
Spontaneously combustible materials	4.2		X	X	O	X				X	O							X		X	
Dangerous when wet materials	4.3		X	X		X				X	O							X		O	
Oxidizers	5.1	A	X	X		X				X	O		O					X		O	
Organic peroxides	5.2		X	X		X				X	O							X		O	
Poisonous liquids PG I Zone A	6.1		X	X	O	X		O					X	X	X	X	X				X
Radioactive materials	7		X			X		O													
Corrosive liquids	8		X	X	O	X				X	O		O	X	O	O	O	X			