

Q1: Does the total package (this product plus any others) contain greater than (>) 8 gallons (30 liters) of liquids classified as hazardous materials? IF YES, Use this instruction. IF NO GO TO Q2.

Q2: Is total weight (ALL contents + packaging) GREATER than (>) 66 lbs? IF YES, USE THIS INSTRUCTION.

IF YOU ANSWERED 'NO' TO Q1 AND Q2, USE PACKING INSTRUCTION **2920CLE-LQ** TO PACK PRODUCT.

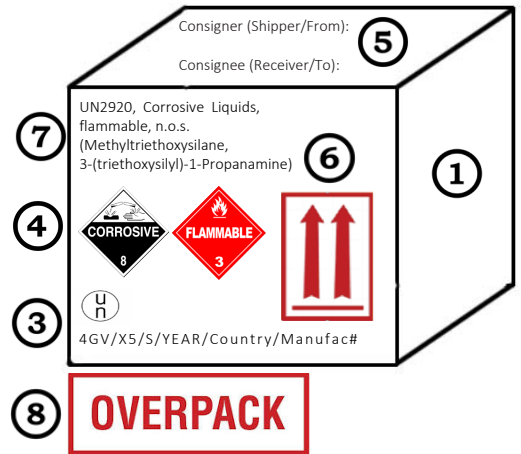


MODE OF TRANSPORT PROHIBITIONS: Ground shipping: **ALLOWED** | NO AIR OR VESSEL SHIPPING IS PERMITTED W/O WRITTEN AUTHORIZATION FROM LIIHAZMAT@LENNOXINTL.COM. IF WRITTEN AUTHORIZATION IS GIVEN, LIMITS ARE: Passenger aircraft/rail: **ALLOWED 0.32 gal (1 L) limit** | Cargo aircraft: **ALLOWED 7.93 gal (30 L) limit** | Vessel: **ALLOWED, Stowage Category C, 25, 40**

MATERIALS OF TRADE EXCEPTION - MAY BE SOLD BY LENNOX STORES TO TRADESMEN IN QUANTITIES NOT TO EXCEED A TOTAL OF 8 GAL (30 LITERS) 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 Add separation materials to prevent damage to containers AND hold upright.
- ③ 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.
- ④ Box must be labeled with the Class 8 Corrosive & Class 3 Flammable Liquid Labels on two opposite sides of box. NEVER PUT LABELS ON TOP OR BOTTOM OF BOX.
- ⑤ Place the Consigner (Shipper/From) / Consignee (Receiver/To) on box with weather resistant marking.
- ⑥ Orientation Arrow is required for this UN number in correct direction (UP) on two OPPOSING SIDES of the box.
- ⑦ Box must be marked with "UN2920" and "Corrosive Liquids, Flammable, n.o.s. (Methyltriethoxysilane, 3-(triethoxysilyl)-1-Propanamine)" within 6 inches of labels in ④
- ⑧ 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 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.**



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 UN2920 IN THE SAME VEHICLE WITH THESE CLASSES



DO NOT SHIP UN2920 WITHOUT SEPARATION WITH THESE CLASSES



PSN: UN2920, Corrosive liquids, flammable, n.o.s. (Methyl triethoxysilane, 3-(triethoxysilyl)-1-Propanamine), 8 (3), PG II, Ltd Qty

Q1: Does the total package (this product plus any others) contain less than (<) 8 gallons (30 liters) of liquids classified as hazardous materials? IF YES, Use this instruction. IF NO, USE PI-2920CLE-R.

Q2: Is total weight (ALL contents + packaging) LESS than (<) 66 lbs? IF YES, Use this instruction. IF NO, USE PI-2920CLE-R.



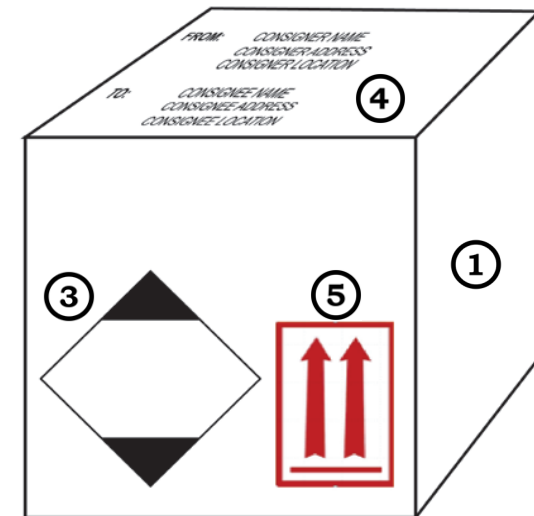
IF YOU ANSWERED 'YES' TO Q1 AND Q2, USE THIS PACKING INSTRUCTION TO PACK/SHIP PRODUCT

MODE OF TRANSPORT PROHIBITIONS: Ground shipping:**ALLOWED** | Passenger aircraft/rail:**ALLOWED 0.32 gal (1 L) limit** | Cargo aircraft:**ALLOWED 7.93 gal(30 L) limit** | Vessel:**ALLOWED, Stowage Category C, 25, 40**

MATERIALS OF TRADE EXCEPTION - MAY BE SOLD BY LENNOX STORES TO TRADESMEN IN QUANTITIES NOT TO EXCEED A TOTAL OF 8 GAL (30 LITERS) 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 Add separation materials to prevent damage to containers AND hold upright.
- ③ Box must be marked with the Limited Quantity (LQ) marking on one side of box. Place the Consigner (Shipper/From) / Consignee (Receiver/To) on box with weather resistant marking.
- ④ Orientation Arrow is required for this UN number in correct direction (UP) on two **OPPOSING SIDES** of the box.
- ⑤ 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.**
- ⑥ An 'overpack' is a container (box, shrink-wrapped pallet, etc.) used to consolidate individual containers in an easier to ship form.
- ⑦ 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-2920CLE-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)
UN2920, Corrosive liquids, flammable, n.o.s., (Methyltriethoxysilane, 3-(triethoxysilyl)-1-Propanamine)8(3), PG II, 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

DO NOT SHIP UN2920 IN THE SAME VEHICLE WITH THESE CLASSES



DO NOT SHIP UN2920 WITHOUT SEPARATION WITH THESE CLASSES



(3) Hazard Class 8 Corrosive liquids	(4) Identification number UN 2920	(5) Packing Group II
(6) Labels 		
(1) Symbols This entry is signed with "G". The letter "G" identifies proper shipping names for which one or more technical names of the hazardous material must be entered in parentheses, in association with the basic description. (See 172.203(k)).		
(7) Special Provisions (172.102) Note: Special provisions may be very complex. The extracts are taken from 49 CFR 172.102. Please be careful with the information, as necessary, additional conditions may be applied that are not written here. Please check the original source and report bugs.		
B2	MC 300, MC 301, MC 302, MC 303, MC 305, and MC 306 and DOT 406 cargo tanks are not... read more	
IB2	Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (... read more)	
T11	see 49 CFR 172.102	
TP2	a. The maximum degree of filling must not exceed the degree of filling determined by the... read more	
TP27	A portable tank having a minimum test pressure of 4 bar (400 kPa) may be used provided... read more	
(8) Packing Authorizations (173.***)		
(8A) Exceptions	154	see 49 CFR 173.154
(8B) Non-bulk	202	see 49 CFR 173.202
(8C) Bulk	243	see 49 CFR 173.243
(9) Quantity Limits		
(9A) Passenger aircraft/rail		1 L
(9B) Cargo aircraft only		30 L
(10) Vessel stowage		
(10A) Location	C	
	Stowage category "C" means the material must be stowed "on deck only" on a cargo vessel... read more	
(10B) Other	25 Protected from sources of heat	
	40 Stow "clear of living quarters".	
	Source: 49 CFR 176.84	

lower hazard – that is, if it belongs to Packing Group II or III, other than division 4.3, or is a consumer commodity (ORM-D) – the maximum amount of material in each package is 30 kg (66 lbs) for solids, or 30 L (8 gal) for liquids.



United Nations/North American Number Datasheet

Print Friendly Page

UN/NA 2920



CAMEO Chemicals has 7 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
Corrosive liquid, flammable, n.o.s.



Response Guide 132

Flammable Liquids - Corrosive

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	Corrosive liquids, flammable, n.o.s.	8	8, 3	Technical Name Required

* 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.

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
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			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					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			X	
Radioactive materials	7		X			X		O													
Corrosive liquids	8		X	X	O	X				X	O		O	X	O	O	O	X			