

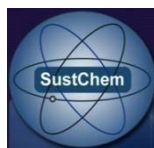


ΣΥΝΔΕΣΜΟΣ ΕΛΛΗΝΙΚΩΝ ΧΗΜΙΚΩΝ ΒΙΟΜΗΧΑΝΙΩΝ - ΣΕΧΒ

Μέλος



« Παράδειγμα 1^ο : Μεταφορά συσκευασμένων »



SUSTCHEM ENGINEERING ΕΠΕ
Αρετή Βουλωμένου
Χημικός Μηχανικός ΕΜΠ

Βήμα 1^ο:

Ταξινόμηση μεταφερόμενων ειδών

Μέρος 3 (Πίνακας **B**)

ΟΝΟΜΑ & ΠΕΡΙΓΡΑΦΗ	UN number	ΚΛΑΣΗ
FLAMMABLE LIQUID, N.O.S.	1993	3

Βήμα 2^ο:

Ταξινόμηση μεταφερόμενων ειδών

Μέρος 3 (Πίνακας **A**)

UN	Class	Classification Code	PG	...	Tank code	Vehicle for carriage	Transport category	HIN
1993	3	F1	III		LGBF	FL	3 (D/E)	30

Βήμα 3^ο:

Ελέγγω τις ειδικές απαιτήσεις για την μεταφορά

UN (1)	...	Labels (5)	Special provisions (6)
1993		3	274 601 640E

274 The provisions of 3.1.2.8 apply.

601 Pharmaceutical products (medicines) ready for use, which are substances manufactured and packaged for retail sale or distribution for personal or household consumption are not subject to the requirements of ADR.

640 The physical and technical characteristics mentioned in column (2) of Table A of Chapter 3.2 determine different tank codes for the carriage of substances of the same packing group in ADR tanks.

In order to identify these physical and technical characteristics of the product carried in the tank, the following shall be added, to the particulars required in the transport document, only in case of carriage in ADR tanks:

"Special provision 640X" where "X" is the applicable capital letter appearing after the reference to special provision 640 in column (6) of Table A of Chapter 3.2.

These particulars may, however, be dispensed with in the case of carriage in the type of tank which, for substances of a specific packing group of a specific UN number, meets at least the most stringent requirements.

Διαθέτω μικρές ποσότητες & θα μεταφέρω σε συσκευασίες.

Ελέγχω τις στήλες (8), (9a) & (9b) για τις προδιαγραφές της συσκευασίας και αν υπάρχουν ειδικές απαιτήσεις.

ΠΡΟΔΙΑΓΡΑΦΕΣ

Στήλη (8): P001, IBC03, LP01, R001

ΕΙΔΙΚΕΣ ΑΠΑΙΤΗΣΕΙΣ

Στήλη (9b): MP19

P001		PACKING INSTRUCTION (LIQUIDS)			P001
The following packagings are authorized provided the general provisions of 4.1.1 and 4.1.3 are met:					
Combination packagings:		Maximum capacity/Net mass (see 4.1.3.3)			
Inner packagings	Outer packagings	Packing group I	Packing group II	Packing group III	
	Drums				
Glass 10 l	steel (1A2)	250 kg	400 kg	400 kg	
Plastics 30 l	aluminium (1B2)	250 kg	400 kg	400 kg	
Metal 40 l	metal other than steel or aluminium (1N2)	250 kg	400 kg	400 kg	
	plastics (1H2)	250 kg	400 kg	400 kg	
	plywood (1D)	150 kg	400 kg	400 kg	
	fibre (1G)	75 kg	400 kg	400 kg	
	Boxes				
	steel (4A)	250 kg	400 kg	400 kg	
	aluminium (4B)	250 kg	400 kg	400 kg	
	natural wood (4C1, 4C2)	150 kg	400 kg	400 kg	
	plywood (4D)	150 kg	400 kg	400 kg	
	reconstituted wood (4F)	75 kg	400 kg	400 kg	
	fibreboard (4G)	75 kg	400 kg	400 kg	
	expanded plastics (4H1)	60 kg	60 kg	60 kg	
	solid plastics (4H2)	150 kg	400 kg	400 kg	
	Jerricans				
	steel (3A2)	120 kg	120 kg	120 kg	
	aluminium (3B2)	120 kg	120 kg	120 kg	
	plastics (3H2)	120 kg	120 kg	120 kg	

Εσωτερική συσκευασία: Γυάλινα μπουκάλια των 9lt

Εξωτερική συσκευασία: Κουτιά (4C1) των 90 kg **τύπου UN**

UN (1)	...	Limited and excepted quantities (5)	
		(7a)	(7b)
1993		LQ7 = 5 I	E1

Βάσει των παραπάνω, **ΔΕΝ έχω περίπτωση LQ.**

IBC03	PACKING INSTRUCTION	IBC03
The following IBCs are authorized, provided the general provisions of 4.1.1, 4.1.2 and 4.1.3 are met:		
(1) Metal (31A, 31B and 31N);		
(2) Rigid plastics (31H1 and 31H2);		
(3) Composite (31HZ1, 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2).		
Special packing provision:		
B8 The pure form of this substance shall not be carried in IBCs since it is known to have a vapour pressure of more than 110 kPa at 50 °C or 130 kPa at 55 °C.		

LP01	PACKING INSTRUCTION (LIQUIDS)				LP01
The following large packagings are authorized provided the general provision of 4.1.1 and 4.1.3 are met:					
Inner packagings		Large outer packagings	Packing group I	Packing group II	Packing group III
Glass	10 litres	Steel (50A)	Not allowed	Not allowed	Maximum capacity: 3 m ³
Plastics	30 litres	Aluminium (50B)			
Metal	40 litres	Metal other than steel or aluminium (50N)			
		Rigid plastics (50H)			
		Natural wood (50C)			
		Plywood (50D)			
		Reconstituted wood (50F)			
		Fibreboard (50G)			

R001	PACKING INSTRUCTION			R001
The following packagings are authorized provided the general provisions of 4.1.1 and 4.1.3 are met:				
Light gauge metal packagings	Maximum capacity/maximum net mass			
	Packing group I	Packing group II	Packing group III	
steel, non-removable head (0A1)	Not allowed	40 l / 50 kg	40 l / 50 kg	
steel, removable head (0A2) *	Not allowed	40 l / 50 kg	40 l / 50 kg	
* Not allowed for UN No. 1261 NITROMETHANE.				
<i>NOTE 1: This instruction applies to solids and liquids (provided the design type is tested and marked appropriately).</i>				
<i>NOTE 2: For Class 3, packing group II, these packagings may be used only for substances with no subsidiary risk and a vapour pressure of not more than 110 kPa at 50 °C and for slightly toxic pesticides.</i>				

- MP 19 May - in quantities not exceeding 5 litres per inner packaging - be packed together in a combination packaging conforming to 6.1.4.21:
- with goods of the same class covered by other classification codes or with goods of other classes, when mixed packing is also permitted for these; or
 - with goods which are not subject to the requirements of ADR, provided they do not react dangerously with one another.

Βήμα 4^ο: Βρίσκω όχημα μεταφοράς

UN	Class	Classification Code	PG	...	Tank code	Vehicle for carriage
1993	3	F1	III		LGBF	FL

ΔΕΝ ΑΠΑΙΤΕΙΤΑΙ!

Μεταφέρω **συσκευασμένα είδη!**

Βήμα 5^ο: Ελέγχω για ειδικές απαιτήσεις στον τρόπο μεταφοράς

UN	Specials provisions for carriage
1993	Operation (19) S2

S2: Additional requirements concerning the carriage of flammable liquids or gases

(1) *Portable lighting apparatus*

The load compartment of closed vehicles carrying liquids having a flash-point of not more than 60 °C or flammable substances or articles of Class 2, shall not be entered by persons carrying portable lighting apparatus other than those so designed and constructed that they cannot ignite any flammable vapours or gases which may have penetrated into the interior of the vehicle.

(2) *Operation of combustion heaters during loading or unloading*

The operation of combustion heaters of vehicles of type FL (see Part 9) is forbidden during loading and unloading and at loading sites.

(3) *Precautions against electrostatic charges*

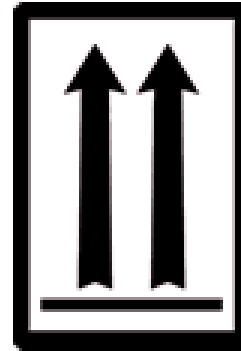
In the case of vehicles of type FL (see Part 9), a good electrical connection from the vehicle chassis to earth shall be established before tanks are filled or emptied. In addition, the rate of filling shall be limited.

Βήμα 6^ο: Επισήμανση κιβωτίου

CLASS 3 HAZARD
Flammable liquids

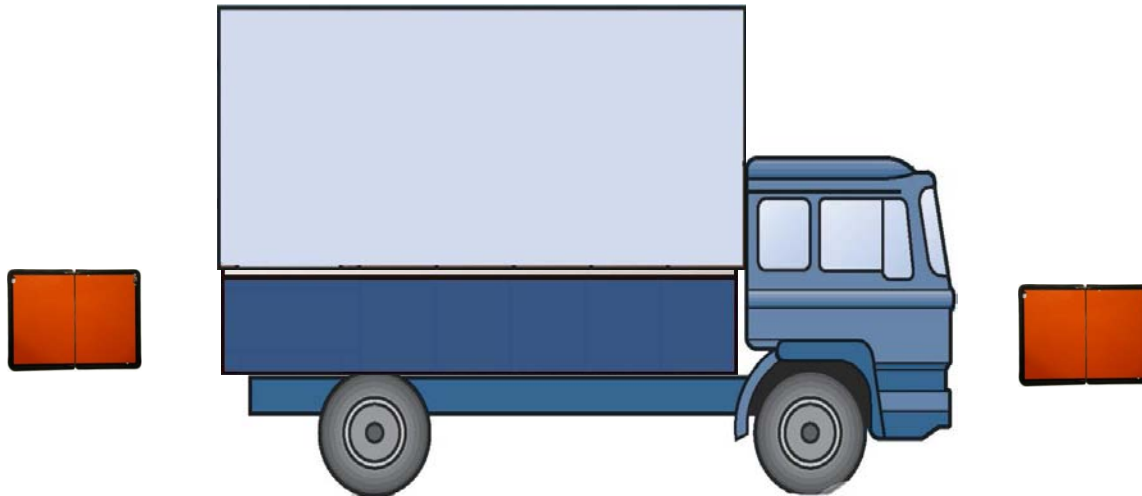


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Symbol (flame): black or white;
Background: red; Figure '3' in bottom corner



- Ρόμβος επικινδυνότητας - Διαστάσεις: τουλάχιστον 100 X 100 mm
- Βέλη προσανατολισμού
- UN & Proper Shipping name

Βήμα 7^ο: Επισήμανση οχήματος



Βήμα 8^ο:

Βρίσκω τα έγγραφα μεταφοράς

8.1.2 Documents to be carried on the transport unit

8.1.2.1 In addition to the documents required under other regulations, the following documents shall be carried on the transport unit:

- (a) The transport documents prescribed in 5.4.1, covering all the dangerous goods carried and, when appropriate, the container packing certificate prescribed in 5.4.2;
- (b) The instructions in writing prescribed in 5.4.3;
- (c) *(Reserved)*;
- (d) Means of identification, which include a photograph, for each member of the vehicle crew, in accordance with 1.10.1.4.

8.1.2.2 Where the provisions of ADR require the following documents to be drawn up, they shall likewise be carried on the transport unit:

- (a) The certificate of approval referred to in 9.1.3 for each transport unit or element thereof;
- (b) The driver's training certificate prescribed in 8.2.1;
- (c) A copy of the competent authority approval, when required in 5.4.1.2.1 (c) or (d) or 5.4.1.2.3.3.

8.1.2.3 The instructions in writing prescribed in 5.4.3 shall be kept readily available.

8.1.2.4 *(Deleted)*

Βήμα 9^ο:

Βρίσκω τον εξοπλισμό μεταφοράς

Τσεκάρω:

☐ **8.1.4:** Εξοπλισμός πυρόσβεσης

☐ **8.1.5:** Ποικίλος εξοπλισμός & εξοπλισμός για προσωπική προστασία (προειδοποιητικά σήματα, γιλέκο προειδοποίησης κινδύνου, γάντια, προστατευτικά ματιών κτλ).

Βήμα 10^ο:

Βρίσκω περιορισμούς στα tunnel

UN	Transport category
1993	3 (D/E)

Μεταφέρω ΜΟΝΟ συσκευασμένα, **δεν επιτρέπεται** η διέλευση από **tunnel E**.



Ευχαριστώ για την προσοχή σας!