

Retail Dangerous Goods “The Basics”



TRANSPORT OF DANGEROUS GOODS

RETAIL DISTRIBUTION LOADS (formerly Consumer Commodity loads)

This guide is for people involved in the transport of dangerous goods in retail distribution loads. You must have in place systems ensuring dangerous goods are transported safely and legally in accordance with chapter 7.3 of the Australian Dangerous Goods Code 7th Edition (ADG7).

RETAIL DISTRIBUTION LOADS

A retail distribution load is a load of dangerous goods, consisting of goods packed and distributed in a form intended for **consumption by individuals for purposes of personal care or household use**, that has been **consigned from a retail distribution centre or retail outlet**, under all of the following conditions:

- the quantity of dangerous goods in the load does not exceed **20%** of the total goods in the load;
- the total quantity of dangerous goods on the vehicle does not exceed **2000kg or Litres**;
- the load does not contain dangerous goods of Class 2.3 (toxic gas) or Packing Group I;
- the load does not include dangerous goods of Division 6.1 or Class 8 other than those that are packed and suitable for household use, such as:
 - (i) domestic pest control products; and
 - (ii) personal care products; and
 - (iii) domestic cleaning products;
- The following domestic consumer articles may be included in a retail distribution load,
 - (i) Party poppers; sparklers and bon bons
 - (ii) Domestic smoke detectors
 - (iii) Lighters or Lighter Refills
 - (iv) Fire Extinguishers with compressed or liquefied gas

TABLE 1: QUANTITY LIMITATIONS FOR DANGEROUS GOODS OF CLASSES 2 - 8

Class	Packing Group	State	Capacity / Quantity per sole packaging or inner packaging
2.1 Flammable gas	-	Gas	50 mL, metal or plastics
2.2 Non-flammable, Non-toxic gas	-	Gas	120mL glass
3 Flammable liquid	II	Liquid	1L metal 500mL glass or plastics
3 Flammable liquid	III	Liquid	5L
4.1 Flammable solid	II	Solid	500g
4.1 Flammable solid	III	Solid	3kg
4.3 Spontaneously combustible	II	Liquid or Solid	500g
4.3 Spontaneously combustible	III	Liquid or Solid	1kg
5.1 Oxidizing agent	II	Liquid or Solid	500g
5.1 Oxidizing agent	III	Liquid or Solid	1kg
5.2 ₁ Organic peroxides	II	Solid	100g
5.2 ₁ Organic peroxides	II	Liquid	25mL
5.2 ₁ Organic peroxides	II	Solid	500g
5.2 ₁ Organic peroxides	II	Liquid	125mL
6.1 Toxic	II	Solid	500g
6.1 Toxic	II	Liquid	100mL
6.1 Toxic	III	Solid	3kg
6.1 Toxic	III	Liquid	1L
8 Corrosive	II	Solid	1kg
8 Corrosive	II	Liquid	500mL ₂
8 Corrosive	III	Solid	2kg
8 Corrosive	III	Liquid	1L

MARKING & LABELLING



Where dangerous goods are packed into outer packagings or over-packs they may be labelled with a mixed class label.

(This marking and labelling concession is provided only to facilitate the packing of part or mixed cartons and overpacks at retail distribution centres and retail outlets. **This concession is not applicable to suppliers to the retail industry.**)

PLACARDING

A retail distribution load, where the total load in the transport unit meets all of the above characteristics as detailed in 7.3.1 of ADG7, is **not** a placard load.

IF ANY OF THE ABOVE CHARACTERISTICS ARE NOT MET (E.G. >2000KG OR L), NORMAL DANGEROUS GOODS LOADING REQUIREMENTS APPLY (I.E. PLACARDING, DANGEROUS GOODS LICENSE, ETC...)

This note has been produced to provide assistance and guidance only, and compliance with the law and relevant standards is your responsibility. The information contained in this guide is an interpretation of the new Australian Dangerous Goods Code, 7th Edition (ADG Code), Vol 1 and 2. It is not intended to replace the ADG Code but to be read in conjunction with it. It remains your responsibility to ensure all DG loading is appropriate for the individual circumstances.
Source: Australian Dangerous Goods Code 7th Edition, Safework SA


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DOCUMENTATION

Figure B2 (from Appendix B, ADG7) is a sample generic transport document that may be used, when correctly completed for the transport of a Retail Distribution Load that fully complies with all of the conditions prescribed in Chapter 7.3 of the ADG Code.

Figure B2 Sample Transport Document for Retail Distribution Loads

**GENERIC TRANSPORT DOCUMENT
for RETAIL DISTRIBUTION LOADS
with SMALL QUANTITIES
of DANGEROUS GOODS**



Black & Orange Stripes

Consignor:

Address:

Consignee:

Address:

This load contains not more than 2000 kg (or L) of Dangerous Goods in small packages*

Examples of typical products likely to be included:

Class or Division	Product Description
1.4S TOY FIREWORK	Bon bons [#] ; Confetti poppers [#] ; Sparklers [#]
2.1 FLAMMABLE GAS	Aerosol cans (e.g. hair spray; spray deodorant; shaving foam; paint spray cans); Disposable cigarette lighters; Gas cartridges –non refillable; Gas match refills
2.2 NON-FLAMMABLE NON-TOXIC GAS	Aerosol cans; Soda siphon charges; Fire extinguishers [#]
3 FLAMMABLE LIQUID	Adhesive; After shave; Correcting fluid; Kerosene; Lamp fuel; Methylated spirits; Mineral turpentine; Paint; Polish; White spirit
4.1 FLAMMABLE SOLID	Camphor blocks; Firelighters; Mothballs; Safety matches
5.1 OXIDIZING AGENT	Domestic bleach; Hair colouring
5.2 ORGANIC PEROXIDE	Resin setting catalysts
6.1 TOXIC	Correcting fluid; Flea collars; Pest strips
7 RADIOACTIVE	Domestic smoke detectors [#]
8 CORROSIVE	Caustic soda, Dishwasher detergent; Drain cleaner
9 MISCELLANEOUS	Plant food

*Except for products that are permitted Domestic Consumables indicated above by [#], inner packagings must not exceed the sizes shown as Limited Quantities in Column 7 of the Dangerous Goods List in Part 3 of the ADG Code
—(Typically maximum 1 kg (or L) for PG II, 5 kg (or L) for PG III)

CERTIFICATION: This load complies with all the characteristics of a Retail Distribution Load specified in Chapter 7.3 of the ADG Code

- All goods in this transport unit are consigned to or from a retail distribution centre or retail outlet
- The dangerous goods:
 - are in an aggregate quantity not exceeding 2000 kg(L)
 - do not exceed 20% of the total goods in this vehicle or container
 - are only Limited Quantities or permitted Domestic Consumables indicated above by [#]; and
 - are packed, marked and labelled in accordance with Chapter 7.3 of the ADG Code

Name: _____

Signature: _____

Title: _____

Date: _____

Unless the complete load in this transport unit (container, trailer or rigid vehicle) complies fully with all of the above characteristics, it cannot be transported as a Retail Distribution Load and this document is not valid

Issued in accordance with Chapter 7.3 of the ADG Code (7th Edition)