

The Amended Dangerous Goods Ordinance

March 31, 2022

Effective

Dangerous Goods in Consumer Packs

Proper Regulation of Dangerous Goods Better Protection for Our Home and Lives



Hong Kong
Fire Services Department

For more information, please visit
Hong Kong Fire Services Department
Dangerous Goods Thematic Website

www.hkfsd.gov.hk/dg



Know More About Dangerous Goods in Consumer Packs

In accordance with the Dangerous Goods Ordinance, Cap. 295, Laws of Hong Kong, any person who manufactures Dangerous Goods ("DG") in any quantity, or stores, conveys or uses DG exceeding the statutory Exempt Quantity ("EQ") must obtain a DG licence.

In order to facilitate the public and the trade, some DG that are commonly used in daily life and available in retail stores are classified as Dangerous Goods in Consumer Packs ("DGCP") if the container sizes concerned do not exceed the "Maximum Package Size" specified in Schedule 2 of the Dangerous Goods (Application and Exemption) Regulation 2012, Cap. 295E, Laws of Hong Kong ("Cap. 295E"). DGCP are exempt from the packing, marking and labelling requirements and greater EQ could be granted.

DGCP are commonly found at

- Hardware Stores
- Department Stores
- Retail Stores

DGCP in Daily Life

Common DGCP include:

Aerosol, glue, perfume, alcohol handrub/sanitizer, perfumery products with flammable solvents, etc.

Information of common DGCP is as follows

Glue			
UN No.	Proper Shipping Name / Packing Group (if any)	Class	Maximum Package Size
1133	Adhesives / PG II / PG III	3	1



Alcohol Handrub/Sanitizer			
UN No.	Proper Shipping Name / Packing Group (if any)	Class	Maximum Package Size
1170	Ethanol (also known as ethyl alcohol) or Ethanol solution (also known as ethyl alcohol solution)	3	1



Perfume			
UN No.	Proper Shipping Name / Packing Group (if any)	Class	Maximum Package Size
1266	Perfumery products	3	1



Bleach			
UN No.	Proper Shipping Name / Packing Group (if any)	Class	Maximum Package Size
1791	Hypochlorite solution / PG II / PG III	8	1 / 5



*For DG in liquid state, the unit of its package size is litre

For more information on the packing groups, please refer to "The Code of Practice for Control of Dangerous Goods on Land" ("CoP").

For more information on DGCP and the "Maximum Package Size" of DG, please refer to

1. Cap. 295E
2. CoP

or visit the Fire Services Department Dangerous Goods Thematic Website.

Taking actual situations and needs into consideration, DGCP generally has a greater EQ. To facilitate trade and the public, the EQ of DGCP can be divided into uninhabited compartment and warehouse compartment.

EQ of DGCP of different classes:

Class of DG	DGCP (uninhabited compartment) EQ (L / kg)	DGCP (warehouse compartment) EQ (L / kg)
Class 2 (gases)	1,000	5,000
Class 3 (flammable liquids) / Packing group II	300	1,500
Class 3 (flammable liquids) / Packing group III	1,000	5,000
Class 4.1 (flammable solids)	1,000	5,000
Class 5.1 (oxidizing substances)	1,000	5,000
Class 6.1 (toxic substances)	1,000	5,000
Class 8 (corrosive substances)	1,000	5,000
Class 9 (miscellaneous dangerous substances or materials)	1,000	5,000
Aggregate EQ of more than one type of DG	1,000	5,000

* The quantity of each class of DG stored shall not exceed the consumer pack EQ of its class.

Uninhabited compartment

means any part of a building that –

- A. is not a warehouse compartment;
- B. is neither used nor constructed for human habitation;
- C. does not provide sleeping accommodation; and
- D. is separated by walls from any other parts of the building that –
 - i. are used or constructed for human habitation; or
 - ii. provide sleeping accommodation.

Warehouse compartment

means any part of an industrial building which is –

- A. physically separated from the adjoining parts of the building by walls, a floor and a ceiling, and each of the walls, floor and ceiling and each opening of that part of the building meets the standards of fire resisting construction required under regulation 90 of the Building (Construction) Regulations (Cap. 123 sub. leg. B); and
- B. used exclusively for the storage of goods.

If the quantity of DGCP used or stored exceeds the aggregate EQ, the person(s) concerned must obtain relevant licences from the Fire Services Department, while the packing, marking and labelling requirements will still be exempted.

Is Consumer Pack EQ applicable to general public?

Consumer Pack EQ is applicable to designated premises. For the sake of public safety, the public should not store DG in large amounts.

Is a licence required for the conveyance of DGCP?

DGCP can be exempt from the conveyance licence regardless of their quantities.

For more information about DG, please visit the Fire Services Department Dangerous Goods Thematic Website

www.hkfsd.gov.hk/dg

