

## Transport of Aerosols by road, sea & rail

All aerosols, flammable or not, are classed as 'dangerous goods' and therefore have a unique UN number. The number for aerosols is UN 1950. Virtually all are transported as 'limited quantities' for transport purposes. The facts below outline **what is and is not legally required** for transport of aerosols in limited quantities by road, rail and sea. Key changes affecting aerosols in ADR 2011 (road regulations) are covered. Full details for transport of aerosols in all the modes are available in the latest edition of the BAMA Guide to the International Transport of Aerosols.

### What IS required?

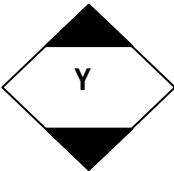
#### MARKINGS all modes of transport



Packages of aerosols transported in limited quantities must be visibly marked with a diamond



Aerosols may be packed in fibreboard cartons up to 30kg gross mass or shrink/stretch wrap trays, up to a gross mass of 20kg



The air limited quantity mark is permitted on boxes in road transport

#### Rules for aerosols transported in mixed consignments with other limited quantities



Cases of aerosols transported in limited quantities in mixed consignments must be marked with a diamond

#### VEHICLE MARKINGS

##### SEA TRANSPORT



Transport units must be marked Limited Quantities or in letters no smaller than 250mm x 250mm in height

##### ROAD & RAIL TRANSPORT



New requirements in 2011 (road and rail transport regulations) for vehicles of a maximum mass exceeding 12 tonnes carrying a Limited Quantities load exceeding 8 tonnes to mark the vehicle

#### INFORMATION for road and rail transport only



Consignors must inform the carrier of the total quantity to be carried in a traceable form (e.g. text, email)

## DOCUMENTATION for sea transport only



for sea transport a dangerous goods document is required e.g. UN1950, Aerosols, 2.1, Limited Quantities

## TRAINING all modes of transport



Appropriate training for consignors of dangerous goods is required, the 1 day BAMA Transport of Aerosols course is suitable training and certificates are issued



Drivers will need to know what they are carrying and what to do in case of an accident

## What is NOT required?

### MARKINGS all modes of transport



**X** In 2009 orientation arrows became a requirement for limited quantity packages, however aerosols are exempt from this

**X** The package must also have the word UN1950 Aerosols on at least one face



**X** The environmentally hazardous mark adopted by all modes

### DOCUMENTATION for road & rail transport only



For road transport in Limited Quantities **NO** documentation is required



Instructions in Writing are **NOT** required for aerosols in Limited Quantities



Carriers should never ask for Instructions in writing in respect to aerosols as the requirement **does NOT apply** to Limited Quantities of dangerous goods



It is the duty of the carrier to supply Instructions in Writing **NOT the consignor** however this requirement **does NOT apply** to limited Quantities of dangerous goods

### TRAINING all modes of transport

#### Dangerous Goods Safety Advisor (DGSA)



A dangerous goods safety advisor is not needed when transporting aerosols in Limited Quantities



Certificated driver training under ADR is not needed for transporting aerosols in Limited Quantities

### Excepted Quantity provisions do not apply to aerosols



**X** These provisions **do NOT** apply to aerosols in any mode of transport