

Guidance on transport of Dangerous Goods in private vehicles

The Danish Maritime Authority has issued a Guidance on transport of Dangerous Goods in private vehicles conducted on board Ro/Ro vessels, when packed accordingly and only intended for personal use. Measures shall be taken to assess the risk and ensure a safe transport under normal conditions.

Items listed below are classified as Dangerous Goods by the IMDG Code and carried by individuals either by private vehicles such as cars/caravans/trailers/mobiles homes or by passengers by foot. It does not include vehicles for commercial use, ambulances or vehicles operated by contractors/employees.

The following are the type and range of goods permitted to be carried in private vehicles not in commercial use.

Category	Dangerous Goods exempted from requirements of the IMDG Code***	Minimum requirement of a risk assessment for the specified Dangerous Goods*
Ammunition / Weapons	<p><u>Weapons</u> All firearms must be accompanied by a valid EU firearms pass and/or firearms permit, or similar.</p> <p>Above must be available for inspection by either the booking staff, port security personnel or ship's crew.</p> <p>Individuals transporting firearms should be aware of their requirements for ensuring the secure storage of arms and ammunition.</p> <p><u>Ammunition</u> A maximum of 1000 cartridges of UN 0012 and UN 0014 of Class 1.4S per vehicle, which should be carried in the original manufacturers packaging, is permitted without documentation.</p> <p>Quantities in excess of this must be declared and carried according to the full provisions of the IMDG Code.</p>	Shall contain elements of handling for the specific vessel and operational conditions, the length, duration, nature of the voyage, access control, etc.
Gas bottles	<p>Propane / Helium (maximum of 3 cylinders, the combined weight of which must not exceed 47 kg)</p> <p>Purged cylinders requires certificates to be produced.</p>	Shall contain elements of handling for the specific vessel and operational conditions, the length, duration, nature of the voyage, access control, etc.
Cars / Camper vans / Caravans / Motor homes	<p>Butane / Propane (maximum of 3 cylinders, the combined weight of which must not exceed 47 kg) for lighting, cooking or heating purposes only.</p>	Shall contain elements of handling for the specific vessel and operational conditions, the length, duration, nature of the voyage, access control, etc.

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Cars powered by multi fuel-hybrids	Only recognised manufactured models with standard specification or where evidence is provided that any modifications have been carried out by a competent certified mechanic.	**
Diving equipment	<p>A maximum of 6 cylinders may be carried per vehicle of size ‘F’ or smaller (Note size F has 9.4 litres water capacity, with approximate dimensions 930 mm x 140 mm or up to 60L aggregate water capacity), containing either UN1002 AIR, COMPRESSED, UN1072 OXYGEN UN3156 COMPRESSED GAS OXIDISING N.O.S (Oxygen, Nitrogen).</p> <p>Cylinders must be declared to the ship’s officer and shore side personnel prior to loading.</p> <p>No other Dangerous Goods (e.g. Class 2.1 Flammable gases, Class 3 Flammable liquids) may be carried in the same vehicle as the diving gases.</p>	Shall contain elements of handling for the specific vessel and operational conditions, the length, duration, nature of the voyage, access control, etc.
Household effects	Flammable paint and paint related material (maximum 10L combined). Disposable Gas Receptacle (Maximum 1L) for blow torch or similar.	Shall contain elements of handling for the specific vessel and operational conditions, the length, duration, nature of the voyage, access control, etc.
Fire extinguishers	Small fire extinguishers up to a maximum total weight of 5kg per vehicle / caravan / trailer.	**
Fireworks	<p>Private vehicles can only take fireworks in retail packaging, maximum 5 kg package weight in total.</p> <p>Fireworks must be declared to the ship’s officer and shore side personnel prior to loading.</p>	Shall contain elements of handling for the specific vessel and operational conditions, the length, duration, nature of the voyage, access control, etc.
Forage for animals	Small “horse” Box (including trailers) carrying animals. 3 Bales Standard Size. Bales to be covered if outside of vehicle. Large “horse” Box. Additional bales may be transported within the vehicle, to a maximum of 3 bales per animal.	**
Items carried in Personal luggage	Personal grooming or hygiene products e.g. hairsprays, toiletries. Also to consider lithium batteries in electronic equipment.	**

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Self-inflatable lifejackets / pyrotechnic	Valid flares and lifejackets. Maximum per Vehicle of 6 x Lifejackets, 6 x Handheld Flares, 4 x Parachute Flares and 2 Smoke Floats for use in leisure craft.	**
Medical oxygen	Private vehicles used to carry sick or disabled persons may carry up to six, of size 'F' or smaller, cylinders (i.e. up to 60L aggregate water capacity) containing UN 1072 OXYGEN, COMPRESSED. The patient has to provide a letter from a doctor stating they require medical oxygen. In addition to the above conditions, the ship must be informed at the time of booking and use of oxygen on board ship is only in non-smoking areas designated by the master.	Shall contain elements of handling for the specific vessel and operational conditions, the length, duration, nature of the voyage, access control, etc.
Petrol / Diesel	In a suitable and safe container (maximum quantity 25L per vehicle). If quantity above 5L per vehicle, it shall be declared to the ship and a risk assessment must be conducted.	Max 5L: No risk assessment required. Above 5L: Risk assessment required and shall contain elements of handling for the specific vessel and operational conditions, the length, duration, nature of the voyage, access control, etc.

*It is not the intent that the risk assessment shall be approved or accepted by the Flag State or Baltic MoU member states.

**Risk assessment is optional, but highly recommended.

***If the quantities being carried exceeding those stated in the above table, the full provisions of the IMDG Code shall be applied.

In all above cases the goods shall be secured against movement and for gases, except when being used for medical purposes, the gas supply should be shut off at the cylinders and stowed away from sources of ignition and heat.