

Acceptable and Prohibited DG Substances

Scope: the European Air Network (EAN) and the European Road Network (ERN) including PUD and feeders.

The table below specifies which Dangerous Goods can be accepted for transport on the European air and road network. The provisions apply to both surface and air transport, to primary and subsidiary hazard, to empty packaging as well as to Excepted and Limited Quantities.

CLASS	ACCEPTABILITY	EXCEPTIONS TO ACCEPTABILITY
1 Explosives	Prohibited	Acceptable: 1.4S (if shipped by air prior authorization must be granted by LCC)
2.1 Flammable gases	Prohibited	Acceptable: UN1057 UN1950 groups F/FC, UN2037 group F (non-toxic groups)
2.2 Non-flammable/ non-toxic gases	Prohibited	Acceptable: UN1044, 1956, 2073, 2857, 3159, 3164 UN1950 groups A/C/CO/O UN2037 groups A/O (non-toxic)
2.3 Toxic gases	Prohibited	
3 Flammable liquids	Acceptable	Prohibited: Substances that require transport at elevated temperature. UN1204, 2059, 3064, 3343, 3357, 3379 (desensitized explosives)
4.1 Flammable solids	Acceptable	Prohibited: Substances shipped in molten state Substances requiring temperature control Substances with a sub risk in Class 1 UN3319, 3344, 3380 (desensitized explosives)
4.2 Substances liable to spontaneous combustion	Acceptable	
4.3 Substances which, in contact with water, emit flammable gases	Prohibited	
5.1 Oxidizing substances	Acceptable	Prohibited: UN2426, Ammonium nitrate (hot concentrated solution)
5.2 Organic peroxides	Acceptable	Prohibited: Substances requiring temperature control Substances with a sub risk in Class 1 To and from the UK and Ireland.
6.1 Toxic substances	Acceptable	Prohibited: Substances in Packing Group I including substances that are toxic by inhalation. <i>Note: As all substances that are toxic by inhalation are classified in Packing Group I, the list of relevant UN numbers has been removed from this document.</i>
6.2 Infectious Substances	Acceptable	Prohibited: UN2814 and UN2900 (Category A) (Also applicable for Special Service shipments unless moved outside the network)
7 Radioactive Material	Prohibited	Acceptable: If specifically approved by DHO.
8 Corrosive Substances	Acceptable	Prohibited: UN2794 and UN2795 (*1) Substances shipped in molten state
9 Miscellaneous Dangerous Goods	Acceptable	ATTENTION! UN3268: if shipped by air prior authorization must be granted by LCC

(*1) "Wet Batteries" can be accepted for transport from, through and to ADR affiliated countries by ROAD only, providing that:
 - they are exempted from the regulations by fully complying with the requirements of ADR Special Provision 598;
 - there are no ferry crossings in the shipment's routing
 (further details can be found in the "Wet Batteries" guidance document that is available from the DG Intranet section)