

Hazardous Substances - Information Leaflet ROLA/ISU

Version 2025

Legal provisions

The transportation of hazardous goods is regulated by: the applicable RID in the case of rail transport, the applicable ADR in the case of road transport, the applicable IMDG in the case of transport by sea and the applicable ADN in the case of transport through inland waters. Please note that the ADR/RID 2025 will come into force on 01.01.2025 and the ADR/RID 2023 will only be valid until 30.06.2025. Please note that in accordance with the individual legal rules in force in the relevant country, it may be necessary to obtain prior approval or consent for the transportation of certain substance groups (e.g. in the case of transportation of Class 1 or Class 7 substances or cargo falling under the Waste Management Act). All necessary authorisation and consent for import, export and transit are to be obtained from the responsible national authorities by the client and documents proving such are to be appended to the freight papers.

Banned substances

In principle, all dangerous goods that may also be transported by road may be transported in Combined Transport. The following prohibited substances are labelled as 'Prohibited' in Table A of Chapter 3.2 of the RID (substance table):

UN 0020, 0021, 1745, 1746, 1749, 1798, 2186, 2249, 2421, 2455, 2495, 2548, 3097, 3100, 3121, 3127, 3132, 3133, 3135, 3137, 3255, 3533, 3534

The following hazardous goods are not permitted for transport:

- Class 1 explosive substances, compatibility group A (UN numbers 0074, 0113, 0114, 0129, 0130, 0135, 0224 und 0473).
No Class 1 explosive substances on ROLA-and ISU-trains in the Italian-service (UN 0004 to 0513, 3101, 3102, 3221, 3222).
- Class 4.1 self reacting materials requiring a controlled temperature environment (UN numbers 3231 to 3240).
- Class 5.2 Organic peroxides requiring a controlled temperature environment (UN numbers 3111 to 3120).
- Sulphur trioxide with a purity of at least 99.95% transported in tanks without inhibitor (Class 8, UN number 1829).
- Class 1 Weapons and Munitions and Class 7 Radioactive substances may only be accepted for transportation on prior agreement with Rail Cargo Operator - Austria GmbH/ROLA
- Polymerizing substances of classes 1 to 8 in packagings or IBCs with a self-accelerating decomposition temperature (SAPT) $\leq 50^{\circ}\text{C}$ and polymerizing substances in tanks with an SAPT $\leq 45^{\circ}\text{C}$, therefore requiring temperature control

Transport document

In the transport document, a 'x' must be inserted in the field RID. The indication in the consignment note, text field "Description of goods", must comply with the following rules (Section 5.4 ADR/RID):

- **The identification number of the hazard** must precede the UN code where goods are transported in tank containers, tank vehicles, MEGCs or bulk cargo containers (only RID);
- **The goods' UN number** should be preceded by the letters 'UN';
- **The Proper Shipping Name of the goods**, if necessary completed by the special provisions listed in Column 6 of Table A, for example SP 274, SP 640, SP 61...etc.
- **For Class 1 substance and articles**, the Classification Code specified in Column 3b of Table A and, if necessary, the numbers of the hazard label template if other than 1, 1.4, 1.5 or 1.6.
- **For other classes:** (except Class 7), the number of the hazard label template mentioned in Column 5 of Table A. Where numbers of several labels are indicated, all numbers following the first are to be placed in brackets. If there is no corresponding hazard label template, the Class must be inserted;
- If relevant, the **packing group** attributed to the substance may be preceded by the letters 'PG'
- **For the transport of packages:** the number and description of the package
- **The total quantity** of each hazardous substance should be characterised by different UN number, different description or different package group (expressed as volume, gross or net weight as the case may be). The total weight of the hazardous goods must be indicated in kg.
- **Class 1 substances and articles:**
The total net weight of explosive substances (kg) as well as the net weight of the explosive substance for each UN number (kg).
- If necessary, declaration "**hazardous to the environment**", in case of tank containers deeply refrigerated liquified gases "**End of holding time: DD/MM/YYYY**", in case of tank containers **special provision 640X**, etc.
- For piggyback transport: "**Carriage in accordance with 1.1.4.4**"

On n.o.i descriptions ("not otherwise indicated") or on application of special provision 274, Column 6 of Table A ADR/RID, the exact chemical/technical description of the transported substance is also to be indicated.

Alongside the complete list of all hazardous substances, the volume, gross or net weight (with appropriate unit) of each substance should also be indicated for collective loads.

Example of the correct declaration of hazardous substance under ADR/RID 2023 in freight papers:

1 Tank road vehicle 663 UN 1098 ALLYLIC ALCOHOL, 6.1 (3), I

page 1/2

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<p>Making of loading units and road vehicles</p>	<p>The hazard label or placard (as set down in Table A of chapter 3.2, Column 5, where necessary Column 6) as well as the orange hazard indicator should be affixed to the loading unit in accordance with Chapters 5.2 and 5.3 (ADR/RID)</p> <ul style="list-style-type: none"> • The orange label with danger code and UN number must be placed on each lateral side of the tank containers, MEGCs, portable tanks and containers carrying bulk cargo. • Placards for the transported substances must be affixed to the four lateral external sides of swap bodies, containers, tank containers, MEGC tank swap bodies and containers carrying bulk cargo. • The orange indication must also remain in place during rail transportation in the case of semi-trailers (ISU) and road freight vehicles (ROLA) or as an alternative the orange indication backwards and the placards on the left and right side of the semi-trailer. • For substances listed in 4.3.4.1.3, the official name of the transported goods must be written on tank containers according to 6.8.2.5.2 ADR/RID.
<p>Uncleaned empty loading units/ vehicles</p>	<p>The named provisions for declaration of load in the transport document and the description of loading units/vehicles also apply to empty uncleaned tank containers as well as to containers carrying bulk cargo (see Section 5.3.1.6 ADR/RID). The indications with respect to the substance hazards of an empty container or package of more than 1000 l are identical to those for the transportation of the full load, supplemented by the type of loading unit and followed by the indication of class and the words "last load". Example of the correct description:</p> <p>Empty Tank Container, last load: 663 UN 1098 Allylic Alcohol, 6.1 (3), I</p> <p><u>Further Examples:</u> Empty uncleaned, UN 1203, Petrol, 3, II, environmentally hazardous Residue of last contained substance, UN 1203, Petrol, 3, II, environmentally hazardous UN 1203, Petrol, 3, II, empty uncleaned, environmentally hazardous UN 1203, Petrol, 3, II, Residue of last contained substance, environmentally hazardous</p> <p><u>Packages:</u> Empty packaging, empty large packaging container or for Class 2 empty receptacle, with hazard label Empty Packaging, 3</p>
<p>Container – package certificate</p>	<p>Should the large container transport of the hazardous goods (not applicable to tank containers/tank swap bodies) be followed by freight by sea, the container – package certificate in accordance with Section 5.4.2 of the IMDG Code is to be provided to the maritime carrier.</p>
<p>Technical condition of the loading unit</p>	<p>Loading units used for combined transport must be authorised and where necessary codified, must be free of all technical defect and comply with the provisions of the Motor Vehicle Act in order to avoid any risk of accident or injury, environmental pollution or operational hindrance as a result of such defect (leaks, smells, open cover, etc). For combined transportation, particular attention must be given to stowage and bracing so as to avoid any movement during transportation.</p>
<p>Refusal to transport and liability</p>	<p>Should the consignment not comply with the applicable conditions of freight, in particular, in the case of incomplete or inaccurate completion of freight documentation and concomitant papers, or in the case of faulty description or labelling, or of technical defect of the loading unit, the consignment may be refused transportation and removed from the exchange terminal at the client's expense. Liability for all costs arising from incomplete or inaccurate indications in freight papers and accompanying transport documentation, and from incomplete or incorrect description or labelling, and from the technically defective state of the loading unit rests with the recipient of invoice as declared in the freight papers. For further information don't hesitate to contact Rail Cargo Operator - Austria GmbH/ROLA, rola.railcargo.com.</p>
<p>Conditions of transportation, miscellaneous provisions, general terms and conditions</p>	<p>Please pay special attention to the conditions of transport for the use of the ROLA, the general rules of conduct at the terminals as well as the announcements on our website rola.railcargo.com. This hazard bulletin is for general information purposes only; knowledge of ADR and RID is required. Liability for all damage resulting from non-compliance with these provisions and/or instruction rests with the client. The general terms and conditions of Rail Cargo Operator - Austria GmbH/ROLA shall apply.</p>