

Information Sheet

- valid till 31.12.2024 -

Articles containing other dangerous goods plus lithium cells and batteries according to ICAO TI / IATA DGR

You have an article that contains a lithium cell or battery plus other dangerous goods as integral part of the article which cannot be removed for transport purposes.

In this case the lithium cells / batteries are subordinate and the classification is according to the other dangerous good contained in the article.

Since the 60th edition of the IATA DGR (2019) such articles have been assigned to specific UN numbers depending on which dangerous good they contain. The general principles hereto can be found in the Subsection 3.12 of the IATA DGR.

UN 3537 ARTICLES CONTAINING FLAMMABLE GAS, N.O.S.

UN 3538 ARTICLES CONTAINING NON-FLAMMABLE, NON-TOXIC GAS, N.O.S.

UN 3539 ARTICLES CONTAINING TOXIC GAS, N.O.S.

UN 3540 ARTICLES CONTAINING FLAMMABLE LIQUID, N.O.S.

UN 3541 ARTICLES CONTAINING FLAMMABLE SOLID, N.O.S.

UN 3542 ARTICLES CONTAINING A SUBSTANCE LIABLE TO SPONTANEOUS COMBUSTION, N.O.S.

UN 3543 ARTICLES CONTAINING A SUBSTANCE WHICH IN CONTACT WITH WATER EMITS FLAMMABLE GASES, N.O.S.

UN 3544 ARTICLES CONTAINING OXIDIZING SUBSTANCE, N.O.S.

UN 3545 ARTICLES CONTAINING ORGANIC PEROXIDE, N.O.S.

UN 3546 ARTICLES CONTAINING TOXIC SUBSTANCE, N.O.S.

UN 3547 ARTICLES CONTAINING CORROSIVE SUBSTANCE, N.O.S.

UN 3548 ARTICLES CONTAINING MISCELLANEOUS DANGEROUS GOODS N.O.S.

means that the technical name needs to be added in brackets.

Assignment to UN 3363

When the articles contain maximum the following amount of dangerous good:

liquid dangerous goods: max. 0,5 L or

solid dangerous goods: max. 1 kg or

gaseous dangerous goods (only Subdivision 2.2 allowed): max. 0,5 kg

then the article may be assigned UN number

UN 3363 DANGEROUS GOODS IN ARTICLES or

UN 3363 DANGEROUS GOODS IN APPARATUS or

UN 3363 DANGEROUS GOODS IN MACHINERY

Assignment to UN 3363 with approval as per IATA DGR 3.12.0 (b) and Special Provision A107

When the articles contain

- liquid dangerous goods: more than 0,5 L or
 - solid dangerous goods: more than 1 kg or
 - gaseous dangerous goods (only Subdivision 2.2 allowed): more than 0,5 kg
- but maximum the amount of dangerous goods permitted as limited quantity in Column 7(a) of the UN Model Regulations (Column 7(a) of the dangerous goods list in the ADR), then the article with the approval of the appropriate national authority of the State of Origin (in Germany from the Luftfahrtbundesamt – LBA) and the State of the operator may be assigned UN number UN 3363 DANGEROUS GOODS IN ARTICLES or UN 3363 DANGEROUS GOODS IN APPARATUS or UN 3363 DANGEROUS GOODS IN MACHINERY

Transport Prohibition in Air Transport when articles contain amounts of dangerous goods exceeding the maximum quantity limits for limited quantities

When the amount of dangerous good contained in the article is more than the amount permitted as limited quantity in Column 7(a) of the UN Model Regulations (Column 7(a) of the Dangerous Goods List in the ADR), then a general transport prohibition in air transport exists according to the List of Dangerous Goods in Subsection 4.2 of the IATA DGR.

Under some circumstances an exemption according to Special Provision A2 may be granted for the abovementioned UN numbers.

Such articles may also contain lithium cells/batteries.

For such lithium cells/batteries the following provision of IATA DGR 3.12.2 applies:

Such articles may in addition contain batteries. Lithium batteries that are integral to the article shall be of a type proven to meet the testing requirements of the UN Manual of Tests and Criteria, part III, sub-section 38.3, except when otherwise specified by these Regulations (e.g. for articles containing pre-production prototype lithium batteries or for a small production run, consisting of not more than 100 such articles).

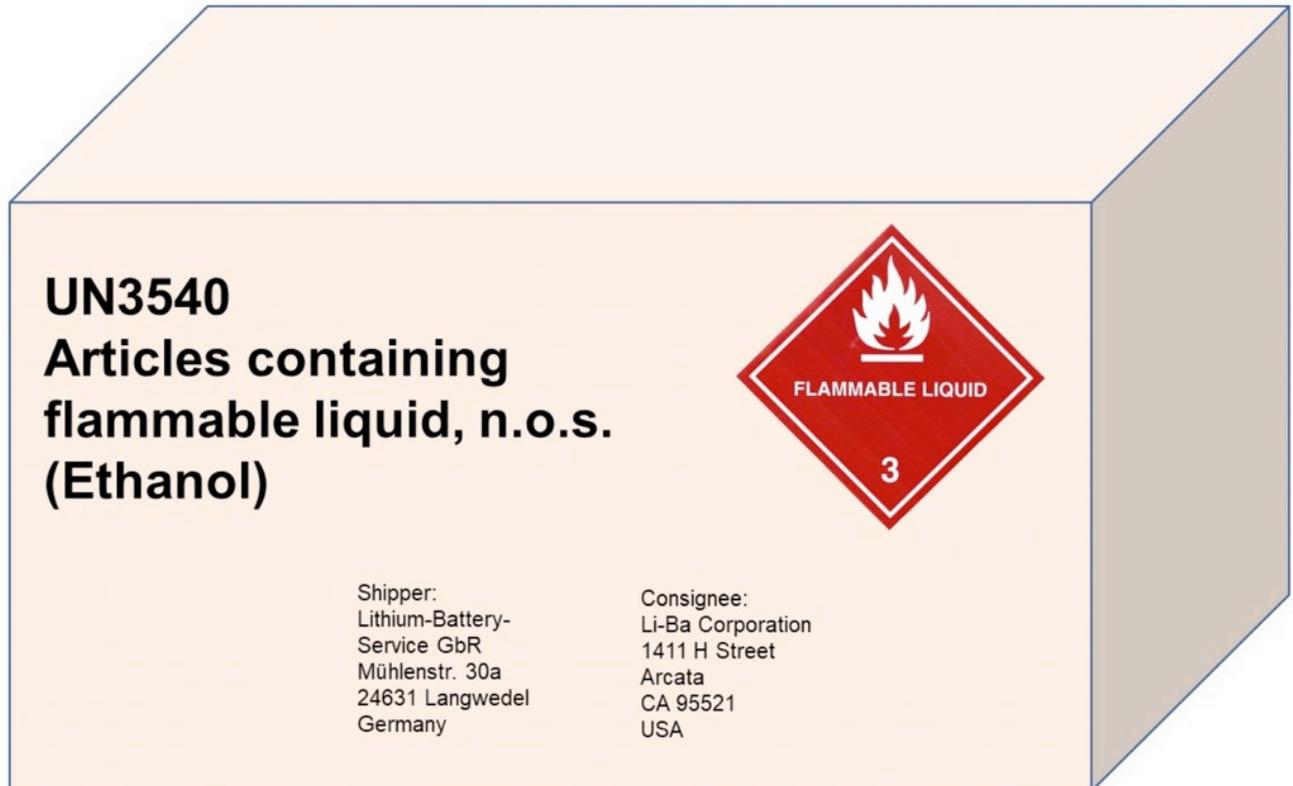
Note 1: In this IATA DGR provision only a reference to the UN 38.3 Test is made, but of course the other requirements for lithium cells and batteries stated in 3.9.2.6.1 b) bis g) are to be fulfilled in practice also.

Note 2: In the text of the regulations only lithium batteries are mentioned. Of course lithium cells may also be contained in such articles.

In the IATA DGR there are no requirements for the marking and labeling of the lithium cells/batteries in such articles.

This means that no marking/labelling of the lithium cells/batteries in such articles takes place and that no reference in the Shipper's Declaration or Air Waybill is required.

Note: When such articles are shipped under an approval or exemption, marking and labelling of the lithium cells/batteries may be required.



**Example Package Marking and Labelling
(without marking and labelling of the lithium cells/batteries)**

As of 01.01.2023 UN 3538 and UN 3548 may be carried on passenger aircraft and cargo Aircraft Only according to the new special provisions A 224 and A 225.

**This information we present to you free of charge.
We're glad that we could be of help to you!**

Your Lithium Battery Service Team