

Information Sheet

Articles containing other dangerous goods plus lithium cells and batteries according to IMDG Code Amendment 41-22

Valid till 31.12.2025

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 IMDG-Code Amendment 39-18 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 2.0.6 of the IMDG Code.

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 as per SP274 the technical name needs to be added in brackets.

Assignment to UN 3373

When those articles contain the maximum amount of dangerous goods which is permitted as limited quantity as per column 7a of the IMDG Code Dangerous Goods List, the article may be classified

as UN number

UN 3363 DANGEROUS GOODS IN APPARATUS

or

UN 3363 DANGEROUS GOODS IN ARTICLES

or

UN 3363 DANGEROUS GOODS IN MACHINERY

Such articles may also contain lithium cells/batteries.

For such lithium cells/batteries the following provision of 2.0.6.2 IMDG Code apply:

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 Manual of Tests and Criteria, part III, sub-section 38.3, except when pre-production prototype batteries or batteries of a small production run, consisting of not more than 100 batteries, are installed in the article. Where a lithium battery installed in an article is damaged or defective, the battery shall be removed.

Note 1: In this ADR 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 2.9.4 b) to g) are to be fulfilled in practice also.

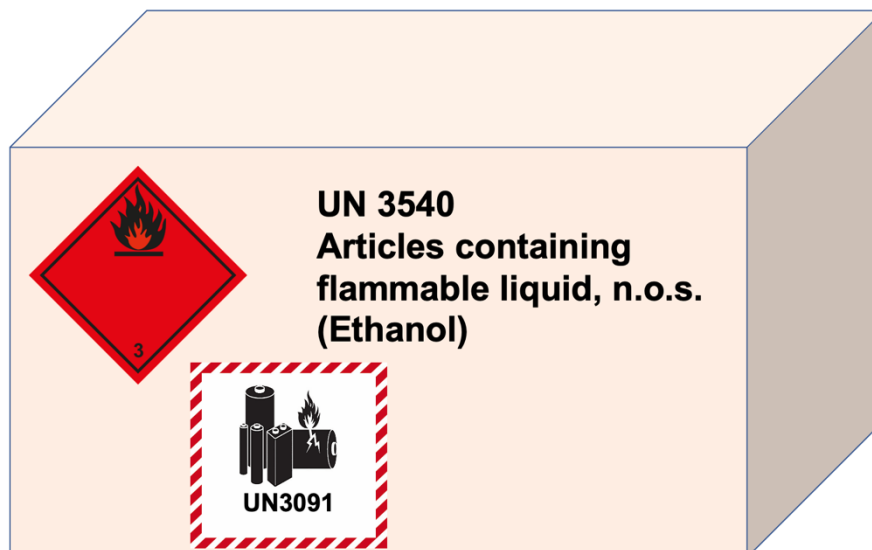
Note 2: In the text of the regulations only lithium batteries are mentioned. Of course lithium cells may also be contained in such articles.

Regarding the Marking of such articles the IMDG Code determines the following:

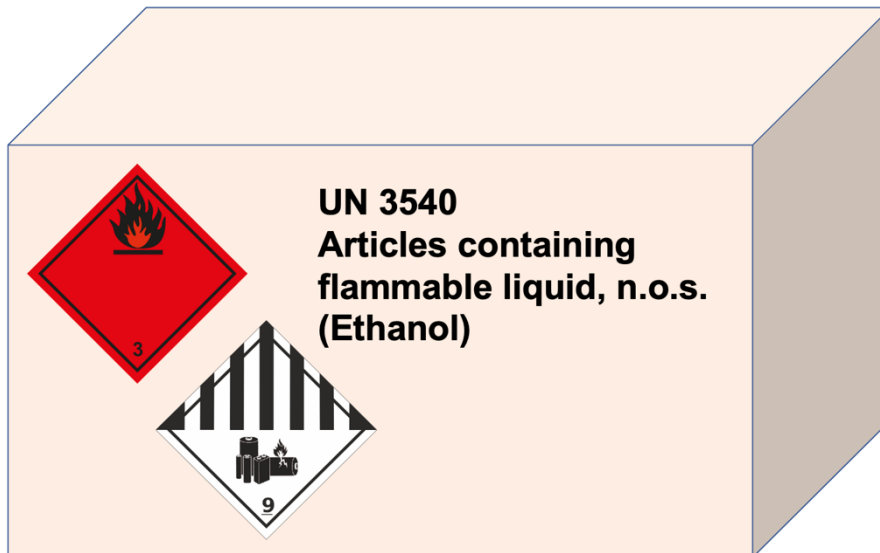
5.2.2.1.13.1 Packages containing articles or articles transported unpackaged shall bear labels according to 5.2.2.1.2 reflecting the hazards established according to 2.0.6. If the article contains one or more lithium batteries with, for lithium metal batteries, an aggregate lithium content of 2 g or less, and for lithium ion batteries, a Watt-hour rating of 100Wh or less, the lithium battery mark (5.2.1.10.2) shall be affixed to the package or unpackaged article. If the article contains one or more lithium batteries with, for lithium metal batteries, an aggregate lithium content of more than 2 g and for lithium ion batteries, a Watt-hour rating of more than 100Wh, the lithium battery label (5.2.2.2.2 No. 9A) shall be affixed to the package or unpackaged article.

In Short: Lithium cells or batteries in articles that also contain other dangerous goods must fulfill all requirements of 2.2.9.1.7 b) bis g) and the packages bear the respective marking/labelling but they are not mentioned in the documentation (transport document – IMO declaration).

Regarding the marking/labelling no difference is made between lithium cells and lithium batteries. The adherence or exceedance of the limits in SP 188 determines whether the lithium battery mark or the danger label no. 9A needs to be affixed.



Example Package Marking/Labelling
(including the mark for „small“ lithium cells and batteries)



Example Package Marking/Labelling
(including the mark for „large“ lithium cells and batteries)

**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