

What is the difference between un3480 and un3481?

A: UN3480 is used for standalone battery shipments, while UN3481 is used for batteries packed with or contained in equipment. The distinction helps ensure compliance with shipping regulations and proper handling of lithium batteries. If you're shipping lithium-ion batteries as a standalone, use a battery label with UN3480.

What does un3481 mean on a battery label?

Batteries Packed with or Contained in Equipment(UN3481): If you are shipping lithium-ion batteries that are part of a device or packed with equipment,use a battery label with UN3481. This label highlights that the batteries are packed together with or contained in equipment.

What is a lithium ion battery?

Lithium Ion Batteries or Cells. are non-rechargeable (primary) lithium metal or lithium alloy cells or batteries. These have a longer life than standard alkaline batteries or cells,and are commonly used in cameras,smoke detectors,etc. Lithium Metal Batteries or Cells. 2024 Lithium Batteries Regulations: Lithium Ion Batteries.

Does a lithium battery Mark have a UN number?

Yes. The mark may bear all applicable UN numbers,e.g. UN 3091,UN 3481,to identify that the package contains lithium metal batteries packed with or contained in equipment and lithium ion batteries packed with,or contained in equipment. J. What are the requirements for the telephone number on the lithium battery mark?

What is a UN-no 3480 lithium-ion battery?

UN-No: 3480 or 3481 Lithium-Ion Batteries and Lithium-Ion batteries contained in equipment or packed with equipment. ADR Special Provisions 188,230,310,636 will apply and Packing Instruction P903,P903a and P903b. For further information,please visit the UNECE website by clicking [here](#).

How are lithium ion batteries regulated?

These are governed by a number of UN regulations(specifically UN3480,UN 3481 and UN3090),as well as rules set out by various transport bodies (including the IATA - International Air Transport Association). Battery packaging for Lithium Ion is tightly regulated by various legislation,including UN3480,UN3481 and IATA specific rules

UN3480, Lithium Ion Batteries / Cells - PI965 Section IB. Packaging: Each battery /cell must be protected against a short circuit andplaced in an inner packaging that completely encloses the battery /cell, then placed in a strong rigid outer packaging.

The Netherlands UN3480 lithium ion batteries

What is the difference between UN3480 and UN3481? The easiest way to explain this is that a laptop would be considered UN3481. The lithium-ion battery inside the laptop is providing power to the actual laptop (equipment). The battery inside that laptop is classified as UN3480. A battery shipped alone would be classified UN3480.

Lithium batteries are classified in Class 9 - Miscellaneous dangerous goods as: o UN 3090, Lithium metal batteries; or o UN 3480, Lithium ion batteries or, if inside a piece of equipment or packed separately with a piece of equipment to power that equipment as: o UN 3091, Lithium metal batteries contained in equipment; or

3.) In the red section you will see a ship description of UN3480, Lithium ion batteries. a. In the table on the BOL, write in the quantity of batteries you are shipping in the "quantity" box in front of the appropriate ship description, b. Put an X in the "HM/RQ" box in front of the ship description of the material you are returning

From April 1, 2022, you are no longer allowed to ship loose lithium ion batteries (UN3480) and loose lithium metal batteries (UN3090) under Section II. The Section II part is going to be deleted from packaging instructions PI 965 and PI 968.

containing both lithium ion cells and lithium metal cells must be shipped as UN 3090 or UN 3091, as appropriate. Note 1 - A small "hybrid" battery may not contain more than 1.5 g of lithium metal contained within all

UN Number - UN3480 Proper shipping name - Lithium ion batteries Strong Outer packaging (See PI for types) Protection against short circuit or arching. Inner pack- ... The words "Lithium ion batteries in compliance with Section II of PI965" Emergency information document must accompany the consignment Airline

Battery packaging for Lithium Ion is tightly regulated by various legislation, including UN3480, UN3481 and IATA specific rules Looking at the list of criteria and influencing factors can be in credibly daunting, which is why this guide aims to provide you with a solid understanding of what is required.

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Batteries, particularly lithium-based ones, are classified as dangerous goods by international regulatory bodies. The most commonly shipped batteries include: Lithium-Ion Batteries (UN3480): Used in rechargeable devices like smartphones, laptops, and electric vehicles.

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Lithium-Ion Batteries UN3480 Restrictions. Lithium-ion Cells and Batteries (UN3480) must be shipped at a state of charge (SoC) not exceeding 30% of their rated capacity. Cells and batteries at a SoC of higher than 30% can only be shipped with the approval of the State of Origin and the State of the Operator, see Special Provision A331.

Substance information for UN 3480 - Lithium ion batteries including lithium ion polymer batteries based on the Hazardous Materials Table (Title 49 CFR 172.101) to assist in preparing a risk assessment for loading, transporting and storing hazardous materials.

UN 3091 for lithium batteries within a device and UN 3481 for lithium-ion batteries within a device apply to devices with their batteries installed; devices packed with their battery in the same package, though the battery is not installed in the product; up to two spare batteries shipped in the same package as the device (i.e. one installed ...

These instructions have been specifically prepared for the shipment of lithium batteries fully regulated as Class 9, UN3090, UN3091, UN3480, UN3481, in compliance with the IMDG Code, Amendment 41-22 (voluntary application January 1, 2023; mandatory January 1, 2024).

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