

Lithium ion batteries un3480

The Netherlands





Overview

Officially, yes: Lithium-ion batteries are governed under the United Nations regulations UN3480 and UN3481 as Class 9 “miscellaneous dangerous goods.”



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Beginners guide to UN3480, UN3481 and IATA regulations

Applicable regulations; UN-No: 3480 (UN3480) or UN3481 Lithium-Ion Batteries and Lithium-Ion batteries contained in equipment or packed with equipment. Any Lithium-Ion batteries to be shipped are of the type proven to meet the requirements of each test set out in the UN Manual of Tests and Criteria, PartIII, sub-section 38.3

LITHIUM BATTERIES (UN3090, UN3091, UN3480, UN3481)

These instructions have been specifically prepared for the shipment of lithium batteries fully regulated as Class 9, UN3090, UN3091, UN3480, UN3481; effective January 1, 2023; ADR 2023. DO NOT USE THESE SHIPPING INSTRUCTIONS FOR OTHER BATTERY TYPES.



UN3480, LITHIUM ION BATTERIES, 9

UN3480, LITHIUM ION BATTERIES, 9 (PI 965, Section IB -> Partially excepted, small cells & batteries) ONLY TRAINED HAZMAT EMPLOYEES MAY SHIP LITHIUM BATTERIES USING THIS GUIDE. Some batteries are regulated when shipped or offered for transportation. If the battery is restricted, then all applicable hazardous materials regulations must be met.

Wijzigingen voor het luchtvervoer van lithium batterijen



Vanaf 1 april 2022 mag u losse lithium-ion batterijen (UN3480) en losse lithium-metaal batterijen (UN3090) niet langer verzenden onder Sectie II. Het Sectie II-gedeelte vervalt voor verpakkingsinstructies PI 965 en PI 968.



Shipping guide to UN3480 lithium ion batteries

So when attempting to ship or transport lithium batteries either for commercial use or in bulk there are certain designations assigned to the batteries, one of which is the UN3480 lithium ion batteries. In this article, we'll be looking at the meaning, designation, methods and regulations involved in shipping UN3480 lithium ion batteries.

Shipping lithium batteries by air

Officially, yes: Lithium-ion batteries are governed under the United Nations regulations UN3480 and UN3481 as Class 9 "miscellaneous dangerous goods." Two dangers stand out: First, improperly packaged lithium-ion batteries can lead to short circuits if they come into contact with each other or with other conductive surfaces.



Changes for the air transport of lithium batteries , SGS Netherlands

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.



Lithium Batteries Guidance

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



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Transport of Lithium Metal and Lithium Ion Batteries

Lithium batteries are classified in Class 9 - Miscellaneous dangerous goods as:
o UN 3090, Lithium metal batteries;
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





SAE International Publishes Aircraft Guidelines for the Safe ...

6 · At the request of the International Civil Aviation Organization (ICAO), SAE International established the SAE G-27 Lithium Battery Packaging Technical Committee to develop performance standards for lithium cells and batteries (UN3090 and UN3480) as cargo on aircraft. This committee has recently published two critical guidelines considered "what to do" and "how ...



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