



Un 3091 lithium metal batteries contained in equipment

What does UN 3091 refer to?

UN 3091 refers to LITHIUM METAL BATTERIES CONTAINED IN EQUIPMENT or LITHIUM METAL BATTERIES PACKED WITH EQUIPMENT (including lithium alloy batteries).

What is un 3091 177 843 - contamination of vehicles?

177.843 - Contamination of vehicles. Substance information for UN 3091 - Lithium metal batteries packed with equipment including lithium alloy 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.

What is a UN 3091 hazard?

UN 3091 can encompass a variety of different types and configurations of lithium-metal cells and batteries with equipment, making it difficult to assess the hazard associated with the package simply by looking at the label alone.

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?

How much lithium ion battery should a package contain?

Lithium metal battery ≤ 2 g lithium content Lithium ion battery ≤ 100 Wh Packages containing LITHIUM BATTERIES (not contained in or packed with equipment) must not exceed 30 kg gross mass. Good quality packaging to withstand the shocks and loading normally encountered during transport. Constructed and closed to prevent loss of contents.

Is a lithium battery mark required on a package?

G. Section II in Packing Instructions 967 and 970 states that "the lithium battery mark is not required on consignments of two packages or less where each package contains no more than four cells, or two batteries installed in equipment." What is the intent of this provision?

Primary (non-rechargeable) lithium metal batteries and cells contained in or packed with equipment (UN 3091) are forbidden for transportation aboard passenger-carrying aircraft ...

batteries packed with equipment or UN 3481 Lithium ion batteries packed with equipment, as appropriate. If a package contains both lithium metal batteries and lithium ion batteries packed with and contained in



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equipment, then the transport document shall indicate both UN 3091 Lithium metal batteries packed with equipment and UN 3481 Lithium ion ...

UN3091 is a UN ID for lithium metal batteries [not rechargeable and are packed with or installed in equipment]. There are two entries in the DOT Hazardous Materials Table for UN3091. UN3091 - Hazard Class 9, Lithium metal batteries contained in equipment [including lithium alloy batteries]

Class 9 - UN3091 - Lithium metal batteries contained in or packed with the equipment, but not attached to the source. Class 9 - UN3091 - Lithium metal batteries contained in or packed with the equipment, installed / integrated at the source. For each model of battery, there are different requirements to be verified: - Type of battery.

trade name: lithium thionyl chloride battery product no: hdi batte260 dot aa print date: 7/17/2018 model no's 1000b / 2000b / 2000p / 2100 / 2200 / 2400 / m100 version: 5.1/en revision date: 7/17/2018 un3091 lithium metal batteries contained in or with equipment these batteries have passed un 38.3 tests - test results available upon request.

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: UN 3091, Lithium metal batteries contained in equipment; or; UN 3091, Lithium metal batteries packed with equipment; UN 3481, Lithium-ion batteries contained in equipment; or; UN 3481, Lithium-ion ...

Lithium batteries o UN 3090, Lithium metal batteries; and o UN 3480, Lithium ion batteries f inside a piece of equipment or packe o UN 3091, Lithium metal batteries contained in equipment; or o UN 3091, Lithium metal batteries packed with equipment; and o UN 3481, Lithium ion batteries contained in equipment; or

This two-in-one, paper UN3091 Preprinted Shipping Name Class 9 Lithium Metal Batteries Contained in Equipment label combines the label (172.400) with the marking requirements of 172.300. These standard tab labels measure 100mm x 120mm.

When a package contains a combination of lithium batteries contained in equipment and lithium batteries packed with equipment, the package must be marked UN 3091 Lithium metal batteries packed with equipment, or UN 3481 Lithium ion batteries packed with equipment as ...

Proposes to add a new special provision to UN 3091 of the UN Model Regulations on the Transport of Dangerous Goods to re-establish exemption limits on lithium metal and lithium alloy batteries contained in or packed with equipment.

UN 3090 (shipment of cells and batteries . in bulk) UN 3091 (cells and batteries . contained in equipment . or . packed with it) Shipping names . Lithium Metal Batteries . Hazard classification . Depending on their lithium



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metal content, some single cells and small multicell battery packs may be non-assigned to Class 9.

4 o Lithium metal (LiM) o are generally non-rechargeable (primary, one-time use). o have a longer life than standard alkaline batteries o are commonly used in hearing aids, wristwatches, smoke detectors, cameras, key fobs, children's toys, etc. LITHIUM BATTERY TYPES There are many different chemistries of lithium cells and batteries, but for transportation purposes, all lithium ...

Substance information for UN 3091 - Lithium metal batteries packed with equipment including lithium alloy 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. ... including a lithium battery packed with, or contained in ...

COMMODITY: Lithium metal batteries packed with equipment; Not exceeding 1 gram (g) lithium metal content per cell, or 2g lithium metal content per battery. Unlimited packages per consignment. MODE OF TRANSPORTATION: International Air. OVERVIEW. This transport data sheet is for shipments of small lithium metal batteries with specific exceptions, when ...

Substance information for UN 3091 - Lithium metal batteries contained in equipment including lithium alloy batteries based on the Hazardous Materials Table (Title 49 CFR 172.101) to assist ...

Labels can be combined for quantity pricing. Identify ground and air shipments containing equipment with installed lithium metal batteries. Complies with D.O.T., I.A.T.A. and I.C.A.O. requirements. Gloss paper with permanent adhesive. Hazard Class 9. ULINE offers over 42,000 boxes, plastic poly bags, mailing tubes, warehouse supplies and bubble wrap for your storage, ...

UN 3090 LITHIUM METAL BATTERIES . UN 3091 LITHIUM METAL BATTERIES CONTAINED IN . EQUIPMENT or ; LITHIUM METAL BATTERIES PACKED WITH . EQUIPMENT . see chapter : Class ; 9 : ... UN 3091, UN 3480 and UN 3481, except special provision 230 and as otherwise stated in this special provision.

UN 3091, Lithium Metal Button Cells contained in equipment, by International Air - within limits below. COMMODITY: Lithium metal button cell batteries contained equipment, with no spare batteries; Not exceeding 1 gram (g) lithium metal content per cell. ... There is no gross weight limit for equipment containing lithium metal batteries. There ...

LITHIUM METAL BATTERIES CONTAINED IN EQUIPMENT. UN3091, PILES AU LITHIUM MÉTAL CONTENUES DANS UN ÉQUIPEMENT Envois par mode aérien selon l'IE 970 de la Réglementation pour le TMD de l'IATA, Édition 65 (2024) Seuls les employés formés en TMD sont autorisés à expédier des piles au lithium selon ce guide.

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o UN 3090, Lithium metal batteries; and 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 o UN 3091, Lithium metal batteries packed with equipment; and o UN 3481, Lithium ion ...

Ê UN 3090, Lithium metal batteries; and Ê UN 3480, Lithium ion batteries or if inside a piece of equipment or packed separately with a piece of equipment as: Ê UN 3091, Lithium metal batteries contained in equipment; or Ê UN 3091, Lithium metal batteries packed with equipment; and Ê UN 3481, Lithium ion batteries contained in equipment; or

batteries packed with/contained in equipment - UN 3481 (respect ively Packing Instruction 966 and 967), Lithium metal batteries packed with/contained in equipment - UN 3091 (respectively Packing Instruction 969 and 970) shall not exceed a max height of 1.6 m. A derogation may be exceptionally granted upon prior request . AF-02 Irrespective ...

2 g/battery Medium Excepted lithium metal batteries Lithium Metal -5 g/cell, 25 g/battery Fully Regulated Batteries UN3091 Lithium metal batteries contained in equipment LITHIUM BATTERIES-FORBIDDEN FOR TRANSPORT ABOARD AIRCRAFT AND VESSEL UN3091, Lithium metal batteries contained in equipment, 9 F-A, S-I DG Shipping Guide: 19 -Small ...

combination of lithium batteries contained in equipment and lithium batteries packed with equipment that meet the limits for lithium cells or batteries of Section II, the ... UN 3091, Lithium Metal Batteries Packed With Equipment >1g lithium content Minimum to. power equip + 2 spare sets >2g lithium content Minimum to; power equip +

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