

Title: Lithium battery dangerous goods class

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Are lithium batteries classified as dangerous goods?

Are lithium batteries classed as dangerous goods? Yes, lithium batteries are classified as dangerous goods under international transport regulations. Both lithium-ion and lithium-metal batteries fall under UN Class 9 hazardous materials due to their fire and explosion risks during transport.

Are lithium-ion and lithium-metal batteries hazardous materials?

Both lithium-ion and lithium-metal batteries fall under UN Class 9 hazardous materials due to their fire and explosion risks during transport. Specific UN codes apply: UN3480 for lithium-ion batteries, UN3090 for lithium-metal batteries, and variants like UN3481/UN3091 for batteries installed in equipment.

Are lithium batteries class 9?

Lithium batteries are articles and are now assigned their own UN numbers: UN 3536 -- lithium batteries installed in cargo transport unit lithium ion batteries or lithium metal batteries. All lithium batteries are Class 9 -- miscellaneous dangerous substances and articles.

What are the classification criteria for lithium batteries?

These frameworks establish classification criteria and dictate necessary safety measures. Lithium batteries are categorized under Class 9 of dangerous goods. This class encompasses miscellaneous dangerous substances and articles that present a hazard during transport but do not fit into other specific hazard classes.

Lithium-ion and sodium-ion batteries are transforming energy storage across industries, from electric vehicles to renewable energy solutions. The 2025-2026 regulatory updates redefine how these ...

Lithium battery regulations - how Dangerous Goods rules affect shipments, and how battery-powered devices comply with transport requirements.

For the purposes of this guidance document and the IATA Dangerous Goods Regulations, power banks are to be classified as batteries and must be assigned to UN 3480, lithium ion batteries, or UN 3090, ...

erning the International Carriage of Dangerous Goods by Road (ADR). IV. Lithium ion and Lithium Metal Cells and Batteries Lithium ion and lithium metal cells and batteries are listed as Class 9 ...

While lithium batteries are usually Class 9, certain battery-powered items like vehicles may be classified differently depending on their design. For all Class 9 materials, handlers must ...

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According to the dangerous goods regulations, lithium batteries are defined as class 9 dangerous goods (various dangerous substances and articles). A distinction is made between lithium-ion and lithium ...

Learn about important updates to dangerous goods regulations and requirements, including classification, marking, labeling, documentation and packaging.

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