



# Dangerous Goods Safety Advisers Ltd

[clive.savigar@gmail.com](mailto:clive.savigar@gmail.com)

[www.dgsaltd.com](http://www.dgsaltd.com)

Mobile: +44 07802 582 589

Main Office Highlands Cottage, Kilve, Bridgwater, Somerset TA5 1DZ

EU Office, Apto 2, Building 10 Calle Guadalmina, Benahavis Pueblo, Malaga, 29679 Spain



Lithium Batteries are currently identified for transport as either UN3090, Lithium Metal Batteries, 9 generally non-rechargeable or UN3480, Lithium-Ion Batteries, 9 usually rechargeable. Other than prototypes all cells/batteries must be of a type proven to meet the requirements of UN Manual of Tests & Criteria, Part III, subsection 38.3, and any applicable amendment or revision.

All cells and Batteries used in Daniamants products are in compliance with these tests and statements of compliance can be accessed via the company's website.

The products manufactured by Daniamant are powered by UN3090 Lithium Metal Batteries, 9

The transport regulations have different package preparation and consignment requirements for **Excepted Batteries**, those batteries with a lithium metal content that does not exceed 2grams and **Fully Regulated** those batteries with a lithium metal content that exceeds 2grams.

Excepted Batteries & Regulated batteries are forbidden for transport on passenger aircraft. They can only be transported on passenger aircraft if contained in equipment or packed with the equipment that they power when they are classified as UN3091, Lithium Metal Batteries contained in or packed with equipment, 9

**Excepted Batteries/ Excepted Batteries contained in or packed with the equipment they power.**

**Surface transport:** - Road (ADR Regulations) & Sea. (IMDG Code) SP188

Batteries / Equipment prepared under "Excepted" provisions are packed in strong rigid packages that display the Precautionary Lithium Battery Mark minimum dimension 100mm x 100mm. (unless there are no more than 2 batteries installed in equipment and no more than 2 packages in the consignment when package marking is not required). There is no regulatory documentary transport document required.

**Airfreight** ICAO-IATA Regulations & requirements (UN3090 Section II/1B PI 968 forbidden passenger UN3091 packed with Section II PI969, UN3091 contained in Section II PI970)

Batteries / Equipment prepared under "Excepted" provisions are packed in strong rigid packages that display the Precautionary Lithium Battery Mark minimum dimension 100mm x 100mm. There are specific statements required in the airwaybill unless there are no more than 2 batteries installed in equipment and no more than 2 packages in the consignment when package marking nor a statement in the airwaybill is required)



**Regulated Batteries (all modes ADR – IMDG-ICAO-IATA)**

Lithium Batteries UN3090 must be packed in certified packages. UN3091 Lithium Batteries packed with or contained in equipment must be packed in strong rigid packages that meet performance standards. There are battery weight restrictions in packages shipped by air.

Packages must display the Hazard Class Label 100mm x 100mm and display the appropriate UN number & Proper Shipping Name. Additional package markings are required by air.



A Transport Document (ADR) / Dangerous Goods Note (IMDG) / Shippers Declaration of Dangerous Goods by Air (IATA) must be supplied to the carrier.

Intended as a guide only regulations must be consulted for full requirements.

Prepared 8<sup>th</sup> April 2021 by Clive Savigar Dangerous Goods Safety Adviser