

PRODUCTS CONTAINING LITHIUM CELLS/BATTERIES– SHIPPING REGULATIONS COMPLIANCE STATEMENT

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THE REGULATIONS COVERED BY THIS STATEMENT

- ¹ IATA 2019 Revision “Transport of Lithium Metal and Lithium Ion Batteries.
- ² ADR 2017 “European Agreement concerning the International Carriage of Dangerous Goods by Road”
- ³ IMDG Code Amendment 38-16, 2016 Edition

LITHIUM BATTERY PRODUCTS

Wolf Safety manufactures two product ranges that use rechargeable Lithium Ion batteries that have capacities varying between 17.8Wh and 53.4Wh;

- R Series right angled torch
- XT series handlamps.

Wolf Safety manufactures one product range that uses primary Lithium Metal button cells (2 per product) that contain less than 1g of lithium per cell;

- ML series Markerlites.

Each cell/ battery type has been tested in accordance with “UN Manual of Tests & Criteria Part III subsection 38.3”.

Wolf Safety operates a quality management system which incorporates the manufacture, handling and packing of Lithium Ion and Lithium Metal batteries. Wolf Safety Lithium Ion/Metal products are not categorised as regulated hazardous goods, but there are packing, marking and declaration requirements.

SHIPPING WOLF TORCHES AND HANDLAMPS CONTAINING WOLF LITHIUM ION BATTERIES + UP TO 2 X SPARE LITHIUM ION BATTERIES

The regulations covering the shipping of Wolf torches and handlamps containing Wolf Lithium Ion batteries are UN3481, “Lithium Ion batteries contained in equipment” (Class 9) or UN3481.

The regulations covering the shipping of Wolf torches and handlamps containing Wolf Lithium Ion batteries and up to 2 spare batteries per torch or handlamp they are designed to power are UN3481 “Lithium Ion batteries packed with Equipment” (Class 9).

For air shipments (IATA¹) goods without spare batteries are packed, marked and declared on the Airway Bill “Lithium Ion batteries, in compliance with Section II of packing instruction 967”.

For air shipments (IATA¹) goods with up to 2 spare batteries per torch or handlamp they are designed to power are packed, marked and declared on the Airway Bill “Lithium Ion batteries, in compliance with Section II of packing instruction 966”.

For surface transport by road (ADR²) or sea (IMDG³) Wolf Safety Lithium Ion batteries are packed and marked in accordance with Special Provision 188. No specific declaration is required.

SHIPPING WOLF LITHIUM ION BATTERIES AS SPARES

The regulations covering the shipping of Wolf Lithium Ion batteries are UN3480, “Lithium Ion batteries” (Class 9).

For air shipments (IATA¹) Wolf Safety Lithium Ion batteries are packed, marked and declared on the Air Way Bill as “Lithium Ion batteries in compliance with Section II packing instruction 965 CAO” and labelled as “Cargo Aircraft Only”. Restricted to a single package per shipment containing a maximum of 2 batteries, restricted to a maximum 30% state of charge.

For surface transport by road (ADR²) or sea (IMDG³) Wolf Safety Lithium Ion batteries are packed and marked in accordance with Special Provision 188. No specific declaration is required.

SHIPPING WOLF MARKERLITES CONTAINING WOLF LITHIUM METAL BUTTON CELL BATTERIES

The regulations covering the shipping of Wolf Lithium Metal button cells are UN3091, “Lithium Metal batteries contained in equipment” (Class 9).

For air shipments (IATA¹) Wolf Safety Lithium Metal button cells are installed within equipment and packed in accordance with packing instruction 970 Section II. No specific marking or declaration is required.

For surface transport Wolf Safety Lithium Metal button cells contained within equipment are packed for dispatch by road (ADR²) or sea (IMDG³) in accordance with special provision 188. No specific marking or declaration is required.

Signed :  Alex Jackson
Authority: Managing Director
Date: 15 April 2019