

Overview on Lithium batteries



Fully regulated class 9 Lithium Cells and Batteries :

UN-Nr	PSN	PI	Section	Documentation	IMP	LX-Embargo	Remarks
UN 3480	Lithium ion batteries	PI 965	Section I	DGD	RLI	YES	
UN 3481	Lithium ion batteries contained in equipment	PI 967	Section I	DGD	RLI	no	
UN 3481	Lithium ion batteries packed with equipment	PI 966	Section I	DGD	RLI	YES	> 100 wh per battery
UN 3090	Lithium metal batteries	PI 968	Section I	DGD	RLM	YES	USG-02 - CAO
UN 3091	Lithium metal batteries contained in equipment	PI 970	Section I	DGD	RLM	no	
UN 3091	Lithium metal batteries packed with equipment	PI 969	Section I	DGD	RLM	no	

Excepted Lithium Cells and Batteries :

UN 3480	Lithium ion batteries	PI 965	Section II-Excepted	NO DGD but AWB-Entries	ELI	no	
UN 3481	Lithium ion batteries contained in equipment	PI 967	Section II-Excepted	NO DGD but AWB-Entries*	ELI	no	
UN 3481	Lithium ion batteries packed with equipment	PI 966	Section II-Excepted	NO DGD but AWB-Entries	ELI	no	
UN 3090	Lithium metal batteries	PI 968	Section II-Excepted	NO DGD but AWB-Entries	ELM	no	USG-02 - CAO
UN 3091	Lithium metal batteries contained in equipment	PI 970	Section II-Excepted	NO DGD but AWB-Entries*	ELM	no	USG-02 - LX requires "Shippers Decl. For Excepted"
UN 3091	Lithium metal batteries packed with equipment	PI 969	Section II-Excepted	NO DGD but AWB-Entries	ELM	no	USG-02 - LX requires "Shippers Decl. For Excepted"

* PI 967 Section II : AWB Documentation and Lithium Handling Label only applicable if the package contains more than 4 cells or more than 2 batteries contained in equipment

* PI 970 Section II : AWB Documentation and Lithium Handling Label only applicable if the package contains more than 4 cells or more than 2 batteries contained in equipment

LX Acceptance Check Sheet (Form 13-03241) must be used for each shipment containing Excepted Lithium Batteries