



# Product Data Sheet

## Section I – Product and Company Information

**Product:** Lithium ion and Lithium ion polymer batteries  
**Models:** See Laerdal Product Battery Information Table, Section 14  
**Effective Date:** February 2020  
**Version:** 2020 B

### **Responsible Manufacturer:**

Laerdal Medical  
Tanke Svilandsgate 30  
4007 Stavanger  
Norway  
Emergency Phone number: +47 92035459

## Section II – Composition Information

Not chemically dangerous during normal use in accordance with Laerdal's recommendations as stated in the user manuals or other similar documentation. Exposure to hazardous chemicals is not expected with normal handling and use. In particular, the cell or battery should not be opened or burned.

## Section III – Hazards Identification

**Emergency Overview:** Do not open or disassemble cells or batteries or expose them to fire or open flame. Do not puncture or deform. Cells and batteries present a hazard only if mishandled in a way that causes damage to the cell or battery or compromises their integrity. Batteries must not be heated above 100 C or incinerated. The battery contents must not contact water. If the negative electrode contacts water or humidity, hydrogen gas is formed, which may inflame spontaneously.

**Primary Routes of Exposure:** Risk of exposure to hazardous materials will only occur if the cell or battery is physically, thermally or electrically abused to the extent that the integrity of the cell or battery is compromised. In this case, exposure to the electrolyte can occur through ingestion, inhalation, eye contact and skin contact.

**Potential Health Effects:** If the battery or cell has been damaged or ruptured, the electrolyte solution, which is corrosive, could be released and cause burns to the eyes, skin or respiratory tract. Ingestion of the electrolyte can cause serious burns of the gastrointestinal tract.

## Section IV – First Aid Measures

**After inhalation:** Fresh air. Seek medical assistance.

**After skin contact:** Remove solid particles immediately. Flush affected areas with plenty of water (at least 15 min). Remove contaminated cloth immediately. Seek medical assistance.

**After eye contact:** Flush the eye gently with plenty of water (at least 15 min). Seek medical assistance.

**After ingestion of battery components:** Drink plenty of water. Avoid vomiting. Seek medical assistance.

## Section V – Firefighting Measures

In case of fire, you can use dry chemical, alcohol resistant foam or carbon dioxide fire extinguishers. Cooling the exterior of the cells or batteries will help prevent rupturing. Burning of these cells or batteries will generate toxic fumes. Fire fighters should use self-contained breathing apparatus.



# Product Data Sheet

## Section VI – Accidental Release Measures

**Containment Techniques:** Damaged cells or batteries that are not hot or venting should be placed in a sealed plastic bag or container. Absorb any spilled liquid with inert material. Dispose of according to the local law and rules.

**Personal Precautions:** Wear personal protective equipment adapted to the situation (protection gloves, face protection, breathing protection). when cleaning up damaged or leaking cells. Keep unnecessary personnel away from the immediate area.

## Section VII – Handling and Storage

**Handling:** Always follow the warning information on the batteries and in the manuals of devices.

Use only approved charging equipment. Use recommended charging time and current. Avoid deep discharge.

Do not expose cell or battery to extreme heat or fire. Do not throw batteries into water.

Do not disassemble, puncture, crush or burn battery. Avoid handling in a way that would cause a short circuit. Only use the recommended battery types.

Do not swallow batteries. Keep out of reach of children.

**Storage:** Store batteries in a dry location. To minimize any adverse effects on battery performance it is recommended that the batteries be kept at room temperature (approx. 20°C). At higher temperature the electrical performance may be reduced. Avoid large temperature changes.

Do not store close to heating devices. Avoid direct sunlight.

## Section VIII – Exposure Controls / Personal Protection

No personal protection is required during normal handling and use.

Exposure to the ingredients contained within the battery could be harmful under some circumstances. In case of exposure to battery contents, wash affected area for at least 15 minutes with generous amounts of water and seek medical attention.

## Section IX - Physical and Chemical Properties

These batteries are solid articles. Properties such as odour, pH, vapor pressure, solubility, etc. are not applicable.

## Section X - Stability and Reactivity

**Reactivity:** None during normal handling and use

**Incompatibility:** None during normal handling and use

**Hazardous Decomposition Products:** None during normal handling and use

**Conditions to Avoid:** The cells or batteries should not be opened, disassembled, crushed, burned, or exposed to high temperatures.

## Section XI - Toxicological Information

There are no known toxicological properties of the batteries during normal handling and use.

## Section XII - Ecological Information

There are no known ecological risks of the batteries during normal handling and use.

## Section XIII – Disposal

Laerdal product batteries contain recyclable materials and should not be put into the municipal waste stream. It is recommended that cells and batteries be completely discharged prior to disposal and/or the terminals taped to prevent short circuiting. Dispose of in accordance with local, state and federal regulations. Do not dispose of in fire.



# Product Data Sheet

## Section XIV - Transport Information

All Laerdal cells and batteries have been successfully tested and comply with the UN Model Regulations, Manual of Test and Criteria, Part III, subsection 38.3. Each cell or battery is manufactured under a quality management program according to IATA DGR clause 3.9.2.6, ADR clause 2.2.9.1.7 e) and IMDG code clause 2.9.4.5.

All Laerdal Lithium ion cells are rated at 20 Watt-hours or less and lithium ion batteries are rated at 100 Watt-hours or less and meet the requirements for transportation under:

- UN Model Regulations Special Provisions 188 and 230
- International Civil Aviation Organization (ICAO) Technical Instructions and the International Air Transport Association (IATA) Dangerous Goods Regulations Packing Instructions:
  - 965 Section IB or Section II (UN3480, Lithium ion batteries)
    - These batteries will be offered for transport at a state of charge (SOC) not exceeding 30% of their rated design capacity.
  - 966 Section II (UN3481, Lithium ion batteries packed with equipment)
  - 967 Section II (UN3481, Lithium ion batteries contained in equipment)
- International Maritime Organization (IMO) Special Provisions 188 and 230
- European Agreement Concerning the International Carriage of Dangerous Goods by Road (ADR) Special Provisions 188 and 230
- Canadian Transport of Dangerous Goods Regulations (TDGR) Special Provision 34
- U.S. Department of Transportation (DOT) 49 CFR 173.185 and 173.185(c)

The following table provides Laerdal Product Battery Information:

Item Number	Description	Contains battery type	Cells pr Battery	Batteries pr. product	Battery weight (KG)	Wh rating	UN Number	Proper Shipping name
150-20001	Res. Anne Simulator With Simpad (US)	20-05297 and 20-09179	4 and 1	2	0,54	32 and 17	UN3481	Lithium Ion Batteries contained in equipment
150-20003	Res. Anne Simulator With Simpad (UK)	20-05297 and 20-09179	4 and 1	2	0,54	32 and 17	UN3481	Lithium Ion Batteries contained in equipment
150-20015	Res. Anne Simulator With Simpad (AUS)	20-05297 and 20-09179	4 and 1	2	0,54	32 and 17	UN3481	Lithium Ion Batteries contained in equipment
150-20033	Res. Anne Simulator With Simpad (IE)	20-05297 and 20-09179	4 and 1	2	0,54	32 and 17	UN3481	Lithium Ion Batteries contained in equipment
150-20049	Res. Anne Simulator With Simpad (AP)	20-05297 and 20-09179	4 and 1	2	0,54	32 and 17	UN3481	Lithium Ion Batteries contained in equipment
150-20089	Res. Anne Simulator/Without Simpad (US)	20-05297	4	1	0,29	32	UN3481	Lithium Ion Batteries contained in equipment
150-20099	Res. Anne Simulator/Without Simpad	20-05297	4	1	0,29	32	UN3481	Lithium Ion Batteries contained in equipment
150-22000	Res. Anne Simulator AED link	20-05297	4	1	0,29	32	UN3481	Lithium Ion Batteries contained in equipment
150-23000	Res. Anne Simulator AED link	20-05297	4	1	0,29	32	UN3481	Lithium Ion Batteries contained in equipment
150-27000	Res. Anne Simulator Paddle	20-05297	4	1	0,29	32	UN3481	Lithium Ion Batteries contained in equipment
150-28000	Res. Anne Simulator Paddle	20-05297	4	1	0,29	32	UN3481	Lithium Ion Batteries contained in equipment
150-79850	RA Sim and RA Adv. Upgrade	20-05297	4	1	0,29	32	UN3481	Lithium Ion batteries packed with equipment
150-79860	RA Sim and RA Adv. Upgrade	20-05297	4	1	0,29	32	UN3481	Lithium Ion batteries packed with equipment
150-79960	RA Sim and RA Adv. Upgrade	20-05297	4	1	0,29	32	UN3481	Lithium Ion batteries packed with equipment
151-20001	Res. Anne Skilltrainer (US)	20-05297	4	1	0,29	32	UN3481	Lithium Ion Batteries contained in equipment
151-20003	Res. Anne Skilltrainer (UK)	20-05297	4	1	0,29	32	UN3481	Lithium Ion Batteries contained in equipment
151-20015	Res. Anne Skilltrainer (AUS)	20-05297	4	1	0,29	32	UN3481	Lithium Ion Batteries contained in equipment
151-20033	Res. Anne Skilltrainer (IE)	20-05297	4	1	0,29	32	UN3481	Lithium Ion Batteries contained in equipment



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Item Number	Description	Contains battery type	Cells pr Battery	Batteries pr. product	Battery weight (KG)	Wh rating	UN Number	Proper Shipping name
151-20049	Res. Anne Skilltrainer (AP)	20-05297	4	1	0,29	32	UN3481	Lithium Ion Batteries contained in equipment
151-20089	Res. Anne Skilltrainer wo Simpad (US)	20-05297	4	1	0,29	32	UN3481	Lithium Ion Batteries contained in equipment
151-20099	Res. Anne Skilltrainer wo Simpad	20-05297	4	1	0,29	32	UN3481	Lithium Ion Batteries contained in equipment
151-22000	Res. Anne Skilltrainer AED Link	20-05297	4	1	0,29	32	UN3481	Lithium Ion Batteries contained in equipment
151-23000	Res. Anne Skilltrainer AED Link	20-05297	4	1	0,29	32	UN3481	Lithium Ion Batteries contained in equipment
151-27000	Res. Anne Skilltrainer Paddle	20-05297	4	1	0,29	32	UN3481	Lithium Ion Batteries contained in equipment
151-28000	Res. Anne Skilltrainer Paddle	20-05297	4	1	0,29	32	UN3481	Lithium Ion Batteries contained in equipment
161-40023	Battery, RB	20-13236	2	1	0,1	19	UN3480	Lithium Ion batteries
161-01260	Resusci Baby QCPR Wireless	20-13236	2	1	0,1	19	UN3481	Lithium Ion Batteries contained in equipment
161-15000	RB QCPR Electr. Upgrade	20-13236	2	1	0,1	19	UN3481	Lithium Ion Batteries contained in equipment
162-01260	Resusci Baby QCPR AW Wireless	20-13236	2	1	0,1	19	UN3481	Lithium Ion Batteries contained in equipment
170-50750	Battery upgr. Kit RA QCPR	20-05297	4	1	0,29	32	UN3480	Lithium Ion batteries
20-08257	Resusci Anne Battery	20-13236	2	1	0,1	19	UN3480	Lithium Ion batteries
20-08257	Resusci Anne Battery	20-08257	2	1	0,1	19	UN3480	Lithium Ion batteries
20-13236	Resusci Anne Battery	20-13236	2	1	0,1	19	UN3480	Lithium Ion batteries
171-00160	Resusci Anne QCPR	20-08257 or 20-13236	2	1	0,1	19	UN3481	Lithium Ion Batteries contained in equipment
171-01260	Resusci Anne QCPR	20-08257 or 20-13236	2	1	0,1	19	UN3481	Lithium Ion Batteries contained in equipment
171-15000	RAQCPR El. Upgrade	20-08257 or 20-13236	2	1	0,1	19	UN3481	Lithium Ion Batteries contained in equipment
171-15010	RAQCPR El. Upgrade Bundle	20-08257 or 20-13236	2	1	0,1	19	UN3481	Lithium Ion Batteries contained in equipment
171-40023	Battery RA	20-08257 or 20-13236	2	1	0,1	19	UN3480	Lithium Ion batteries
172-00160	Resusci Anne QCPR AW	20-08257 or 20-13236	2	1	0,1	19	UN3481	Lithium Ion Batteries contained in equipment
172-01260	Resusci Anne QCPR AW	20-08257 or 20-13236	2	1	0,1	19	UN3481	Lithium Ion Batteries contained in equipment
173-00160	Resusci Anne QCPR AED	20-08257 or 20-13236	2	1	0,1	19	UN3481	Lithium Ion Batteries contained in equipment
173-01260	Resusci Anne QCPR AED	20-08257 or 20-13236	2	1	0,1	19	UN3481	Lithium Ion Batteries contained in equipment
173-15000	RAQCPR AED El. Upgrade	20-08257 or 20-13236	2	1	0,1	19	UN3481	Lithium Ion Batteries contained in equipment
173-15010	RAQCPR AED El. Upgrade Bundle	20-08257 or 20-13236	2	1	0,1	19	UN3481	Lithium Ion Batteries contained in equipment
174-00160	Resusci Anne QCPR AED AW	20-08257 or 20-13236	2	1	0,1	19	UN3481	Lithium Ion Batteries contained in equipment
174-01260	Resusci Anne QCPR AED AW	20-08257 or 20-13236	2	1	0,1	19	UN3481	Lithium Ion Batteries contained in equipment
171-40023	Battery, RA	20-13236	2	1	0,1	19	UN3480	Lithium Ion batteries
178-04160	Resusci Anne QCPR AED AW RQI	20-08257	2	1	0,1	19	UN3481	Lithium Ion Batteries contained in equipment
20-05297	Battery Li-Ion Simpad	20-05297	4	1	0,29	32	UN3480	Lithium Ion batteries
20-10330	Battery Pack Lithium Ion	20-10330	8	1	0,4	76	UN3480	Lithium Ion batteries



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Item Number	Description	Contains battery type	Cells pr Battery	Batteries pr. product	Battery weight (KG)	Wh rating	UN Number	Proper Shipping name
200-30001	Simpad System (US)	20-06896 and 20-05297	1 and 4	2	0,54	17 and 32	UN3481	Lithium Ion batteries packed with equipment
200-30003	Simpad System (UK)	20-06896 and 20-05297	1 and 4	2	0,54	17 and 32	UN3481	Lithium Ion batteries packed with equipment
20-06896	Internal SimPad battery	20-06896	1	1	0,1	17	UN3480	Lithium Ion Batteries contained in equipment
200-30150	Simpad only	20-06896	1	1	0,1	17	UN3481	Lithium Ion Batteries contained in equipment
200-30350	Laerdal Li-Ion Battery	20-05297	4	1	0,29	32	UN3480	Lithium Ion batteries
200-35050	Internal SimPad battery	20-06896	1	1	0,1	17	UN3480	Lithium Ion Batteries contained in equipment
200-35150	SimPad Replacement Unit	20-06896	1	1	0,1	17	UN3481	Lithium Ion Batteries contained in equipment
204-30001	Simpad System (US)	20-09179 and 20-05297	1 and 4	2	0,54	17 and 32	UN3481	Lithium Ion batteries packed with equipment
204-30003	Simpad System (UK)	20-09179 and 20-05297	1 and 4	2	0,54	17 and 32	UN3481	Lithium Ion batteries packed with equipment
204-30015	Simpad System (AUS)	20-09179 and 20-05297	1 and 4	2	0,54	17 and 32	UN3481	Lithium Ion batteries packed with equipment
204-30026	Simpad System (CHN)	20-09179 and 20-05297	1 and 4	2	0,54	17 and 32	UN3481	Lithium Ion batteries packed with equipment
204-30033	Simpad System (IE)	20-09179 and 20-05297	1 and 4	2	0,54	17 and 32	UN3481	Lithium Ion batteries packed with equipment
204-30101	SimPad Plus LLeap (US)	20-09179	1	1	0,1	17	UN3481	Lithium Ion Batteries contained in equipment
204-30103	SimPad Plus LLeap (UK)	20-09179	1	1	0,1	17	UN3481	Lithium Ion Batteries contained in equipment
204-30105	SimPad Plus LLeap (J)	20-09179	1	1	0,1	17	UN3481	Lithium Ion Batteries contained in equipment
204-30115	SimPad Plus LLeap (AUS)	20-09179	1	1	0,1	17	UN3481	Lithium Ion Batteries contained in equipment
204-30126	SimPad Plus LLeap (CHN)	20-09179	1	1	0,1	17	UN3481	Lithium Ion Batteries contained in equipment
204-30133	SimPad Plus LLeap (IE)	20-09179	1	1	0,1	17	UN3481	Lithium Ion Batteries contained in equipment
204-30603	SimPad Plus Trade in UK	20-09179	1	1	0,1	17	UN3481	Lithium Ion Batteries contained in equipment
204-30633	SimPad Plus Trade in IE	20-09179	1	1	0,1	17	UN3481	Lithium Ion Batteries contained in equipment
204-30150	Simpad only	20-09179	1	1	0,1	17	UN3481	Lithium Ion Batteries contained in equipment
20-09002	Simpad Plus	20-09179	1	1	0,1	17	UN3481	Lithium Ion Batteries contained in equipment
20-09179	Laerdal Li-Ion Battery	20-09179	1	1	0,1	17	UN3480	Lithium Ion batteries
204-35050	Laerdal Li-Ion Battery	20-09179	1	1	0,1	17	UN3480	Lithium Ion batteries
204-35150	SimPad PLUS Replacement Unit	20-09179	1	1	0,1	17	UN3481	Lithium Ion Batteries contained in equipment
204-35350	SimPad PLUS W/Licences SP Classic repl.	20-09179	1	1	0,1	17	UN3481	Lithium Ion Batteries contained in equipment
206-30001	SimPad Plus Skillrep. (US)	20-09179	1	1	0,1	17	UN3481	Lithium Ion Batteries contained in equipment
206-30001T	SimPad Plus Skillrep. JP	20-09179	1	1	0,1	17	UN3481	Lithium Ion Batteries contained in equipment
206-30003	SimPad Plus Skillrep. (UK)	20-09179	1	1	0,1	17	UN3481	Lithium Ion Batteries contained in equipment
206-30005	SimPad Plus Skillrep. (J)	20-09179	1	1	0,1	17	UN3481	Lithium Ion Batteries contained in equipment
206-30015	SimPad Plus Skillrep. (AUS)	20-09179	1	1	0,1	17	UN3481	Lithium Ion Batteries contained in equipment



# Product Data Sheet

Item Number	Description	Contains battery type	Cells pr Battery	Batteries pr. product	Battery weight (KG)	Wh rating	UN Number	Proper Shipping name
206-30026	SimPad Plus Skillrep. (CHN)	20-09179	1	1	0,1	17	UN3481	Lithium Ion Batteries contained in equipment
206-30033	SimPad Plus Skillrep. (IE)	20-09179	1	1	0,1	17	UN3481	Lithium Ion Batteries contained in equipment
206-30150	SimPad Plus Skillrep. Only	20-09179	1	1	0,1	17	UN3481	Lithium Ion Batteries contained in equipment
208-30001	SimPad Plus, PremA (US)	20-09179	1	1	0,1	17	UN3481	Lithium Ion Batteries contained in equipment
208-30003	SimPad Plus, PremA (UK)	20-09179	1	1	0,1	17	UN3481	Lithium Ion Batteries contained in equipment
208-30015	SimPad Plus, PremA (AUS)	20-09179	1	1	0,1	17	UN3481	Lithium Ion Batteries contained in equipment
208-30026	SimPad Plus, PremA (CHN)	20-09179	1	1	0,1	17	UN3481	Lithium Ion Batteries contained in equipment
208-30033	SimPad Plus, PremA (IE)	20-09179	1	1	0,1	17	UN3481	Lithium Ion Batteries contained in equipment
212-02001	SimMan 3G Manikin (US) Light	20-10330	8	2	0,4	76	UN3481	Lithium Ion Batteries contained in equipment
212-02003	SimMan 3G Manikin (UK) Light	20-10330	8	2	0,4	76	UN3481	Lithium Ion Batteries contained in equipment
212-02015	SimMan 3G Manikin (AUS) Light	20-10330	8	2	0,4	76	UN3481	Lithium Ion Batteries contained in equipment
212-02033	SimMan 3G Manikin (IE) Light	20-10330	8	2	0,4	76	UN3481	Lithium Ion Batteries contained in equipment
212-02033CN	SimMan 3G Manikin China	20-10330	8	2	0,4	76	UN3481	Lithium Ion Batteries contained in equipment
212-02050	SimMan 3G Manikin	20-10330	8	2	0,4	76	UN3481	Lithium Ion Batteries contained in equipment
212-02150	SimMan 3G Manikin (Medium)	20-10330	8	2	0,4	76	UN3481	Lithium Ion Batteries contained in equipment
212-02250	SimMan 3G Manikin (Dark)	20-10330	8	2	0,4	76	UN3481	Lithium Ion Batteries contained in equipment
212-02303	SimMan 3G Manikin (UK) Light	20-10330	8	2	0,4	76	UN3481	Lithium Ion Batteries contained in equipment
212-02350	SimMan 3G Manikin (Light)	20-10330	8	2	0,4	76	UN3481	Lithium Ion Batteries contained in equipment
212-12250	Battery, Manikin	20-10330	8	2	0,4	76	UN3480	Lithium Ion batteries
213-02001	SimMan Essential (US)	20-10330	8	2	0,4	76	UN3481	Lithium Ion Batteries contained in equipment
213-02003	SimMan Essential (UK)	20-10330	8	2	0,4	76	UN3481	Lithium Ion Batteries contained in equipment
213-02015	SimMan Essential (AUS)	20-10330	8	2	0,4	76	UN3481	Lithium Ion Batteries contained in equipment
213-02033	SimMan Essential (IE)	20-10330	8	2	0,4	76	UN3481	Lithium Ion Batteries contained in equipment
213-02033CN	SimMan Essential (CHN)	20-10330	8	2	0,4	76	UN3481	Lithium Ion Batteries contained in equipment
213-02050	SimMan Essential	20-10330	8	2	0,4	76	UN3481	Lithium Ion Batteries contained in equipment
213-02150	SimMan Essential Medium	20-10330	8	2	0,4	76	UN3481	Lithium Ion Batteries contained in equipment
213-02155	SimMan Essential Dark	20-10330	8	2	0,4	76	UN3481	Lithium Ion Batteries contained in equipment
213-02250	SimMan Essential Dark	20-10330	8	2	0,4	76	UN3481	Lithium Ion Batteries contained in equipment
213-02255	SimMan Essential Dark	20-10330	8	2	0,4	76	UN3481	Lithium Ion Batteries contained in equipment
213-02301	SimMan Essential (US)	20-10330	8	2	0,4	76	UN3481	Lithium Ion Batteries contained in equipment
213-02301CN	SimMan Essential (CHN)	20-10330	8	2	0,4	76	UN3481	Lithium Ion Batteries contained in equipment



# Product Data Sheet

Item Number	Description	Contains battery type	Cells pr Battery	Batteries pr. product	Battery weight (KG)	Wh rating	UN Number	Proper Shipping name
213-02350	SimMan Essential	20-10330	8	2	0,4	76	UN3481	Lithium Ion Batteries contained in equipment
213-02355	SimMan Essential Dark	20-10330	8	2	0,4	76	UN3481	Lithium Ion Batteries contained in equipment
214-02001	SimMan Ess.Bleed. Compl (US)	20-10330	8	2	0,4	76	UN3481	Lithium Ion Batteries contained in equipment
214-02003	SimMan Ess.Bleed. Compl (UK)	20-10330	8	2	0,4	76	UN3481	Lithium Ion Batteries contained in equipment
214-02015	SimMan Ess.Bleed. Compl (AUS)	20-10330	8	2	0,4	76	UN3481	Lithium Ion Batteries contained in equipment
214-02033	SimMan Ess.Bleed. Compl (IE)	20-10330	8	2	0,4	76	UN3481	Lithium Ion Batteries contained in equipment
214-02050	SimMan Ess.Bleed.Compl	20-10330	8	2	0,4	76	UN3481	Lithium Ion Batteries contained in equipment
214-02150	SimMan Ess.Bleed. Medium	20-10330	8	2	0,4	76	UN3481	Lithium Ion Batteries contained in equipment
214-02155	SimMan Ess.Bleed. Medium	20-10330	8	2	0,4	76	UN3481	Lithium Ion Batteries contained in equipment
214-02250	SimMan Ess.Bleed. Dark	20-10330	8	2	0,4	76	UN3481	Lithium Ion Batteries contained in equipment
214-02255	SimMan Ess.Bleed. Medium	20-10330	8	2	0,4	76	UN3481	Lithium Ion Batteries contained in equipment
214-02350	SimMan Ess.Bleed. Light	20-10330	8	2	0,4	76	UN3481	Lithium Ion Batteries contained in equipment
214-02355	SimMan Ess.Bleed. Medium	20-10330	8	2	0,4	76	UN3481	Lithium Ion Batteries contained in equipment
219-02001	SimMan 3G Trauma (US)	20-10330	8	2	0,4	76	UN3481	Lithium Ion Batteries contained in equipment
219-02003	SimMan 3G Trauma (UK)	20-10330	8	2	0,4	76	UN3481	Lithium Ion Batteries contained in equipment
219-02015	SimMan 3G Trauma (AUS)	20-10330	8	2	0,4	76	UN3481	Lithium Ion Batteries contained in equipment
219-02033	SimMan 3G Trauma (IE)	20-10330	8	2	0,4	76	UN3481	Lithium Ion Batteries contained in equipment
219-02050	SimMan 3G Trauma	20-10330	8	2	0,4	76	UN3481	Lithium Ion Batteries contained in equipment
219-02201	SimMan 3G Trauma Dark	20-10330	8	2	0,4	76	UN3481	Lithium Ion Batteries contained in equipment
219-02301	SimMan 3G Trauma Light	20-10330	8	2	0,4	76	UN3481	Lithium Ion Batteries contained in equipment
222-02050	SimMan Vascular	20-10330	8	2	0,4	76	UN3481	Lithium Ion Batteries contained in equipment
222-40050	SimMan Vascular Demo	20-10330	8	2	0,4	76	UN3481	Lithium Ion Batteries contained in equipment
223-02050	SimMan Vascular Ess.	20-10330	8	2	0,4	76	UN3481	Lithium Ion Batteries contained in equipment
232-05050 (S)	SimJunior Manikin Only	20-05297	4	1	0,29	32	UN3481	Lithium Ion Batteries contained in equipment
232-05050 (B)	SimJunior Manikin Only	20-05297	4	1	0,29	32	UN3481	Lithium Ion Batteries contained in equipment
232-05050 (T)	SimJunior Manikin Only	20-05297	4	1	0,29	32	UN3481	Lithium Ion Batteries contained in equipment
235-02150	SimMan ALS Medium	20-05297	4	1	0,29	32	UN3481	Lithium Ion Batteries contained in equipment
235-02250	SimMan ALS Dark	20-05297	4	1	0,29	32	UN3481	Lithium Ion Batteries contained in equipment
235-02350	SimMan ALS Light	20-05297	4	1	0,29	32	UN3481	Lithium Ion Batteries contained in equipment
235-03050	SimMan ALS Liveshock L	20-05297	4	1	0,29	32	UN3481	Lithium Ion Batteries contained in equipment



## Product Data Sheet

Item Number	Description	Contains battery type	Cells pr Battery	Batteries pr. product	Battery weight (KG)	Wh rating	UN Number	Proper Shipping name
235-03150	SimMan ALS Liveshock M	20-05297	4	1	0,29	32	UN3481	Lithium Ion Batteries contained in equipment
235-03250	SimMan ALS Liveshock D	20-05297	4	1	0,29	32	UN3481	Lithium Ion Batteries contained in equipment
235-03350	SimMan ALS Liveshock L	20-05297	4	1	0,29	32	UN3481	Lithium Ion Batteries contained in equipment
235-20001	SimMan ALS (US)	20-05297	4	1	0,29	32	UN3481	Lithium Ion Batteries contained in equipment
235-20003	SimMan ALS (UK)	20-05297	4	1	0,29	32	UN3481	Lithium Ion Batteries contained in equipment
235-20015	SimMan ALS (AUS)	20-05297	4	1	0,29	32	UN3481	Lithium Ion Batteries contained in equipment
235-20033	SimMan ALS (IE)	20-05297	4	1	0,29	32	UN3481	Lithium Ion Batteries contained in equipment
235-20050	SimMan ALS	20-05297	4	1	0,29	32	UN3481	Lithium Ion Batteries contained in equipment
295-55101	AAP Premature Anne Pack	20-09179	1	1	0,1	17	UN3481	Lithium Ion Batteries contained in equipment
320-04050	Nursing Anne Simulator-D	20-10330	8	1	0,4	76	UN3481	Lithium Ion Batteries contained in equipment
320-05050	Nursing Anne Simulator	20-10330	8	1	0,4	76	UN3481	Lithium Ion Batteries contained in equipment
377-03050	SimMom Tetherless	20-05297	4	1	0,29	32	UN3481	Lithium Ion Batteries contained in equipment
377-05250	ADM Upgrade kit	20-05297	4	1	0,29	32	UN3481	Lithium Ion batteries packed with equipment
377-62850	Pelvis ctrl system assy	20-05297	4	1	0,29	32	UN3480	Lithium Ion batteries
410-12250	Battery, 14,6 V 5,2 Ah Single	20-10330	8	1	0,4	76	UN3480	Lithium Ion batteries
500-00033	Laerdal Light	IFR18500	1	1	0,02	4	UN3481	Lithium Ion Batteries contained in equipment
LGH-500-00033	Laerdal Light	IFR18500	1	1	0,02	4	UN3481	Lithium Ion Batteries contained in equipment
500-00133	Laerdal Light w/ Solar	IFR18500	1	1	0,02	4	UN3481	Lithium Ion Batteries contained in equipment
LGH-500-00133	Laerdal Light	IFR18500	1	1	0,02	4	UN3481	Lithium Ion Batteries contained in equipment
510-00033	Moyo Fetal Heart monitor	20-07566	1	1	0,05	9	UN3481	Lithium Ion Batteries contained in equipment
LGH-510-00033	Moyo Fetal Heart monitor	20-07566	1	1	0,05	9	UN3481	Lithium Ion Batteries contained in equipment

### Section XV - Regulatory Information

If hazardous materials are present in the workplace, Material Safety Data Sheets (MSDS)/Safety Data Sheets (SDS) are required by various national and international occupational worker safety regulations. However, MSDS/SDS's are not required for articles.

An article is defined as a manufactured item other than a fluid or particle; (i) which is formed to a specific shape or design during manufacture; (ii) which has end use function(s) dependent in whole or in part upon its shape or design during end use; and (iii) which under normal conditions of use does not release more than very small quantities, e.g. minute or trace amounts of a hazardous chemical and does not pose a physical hazard or health risk to employees. Lithium ion batteries are considered to be articles.





# Product Data Sheet

## Section XVI - Other Information

Preparation Date: 24<sup>th</sup> of February 2020

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Revision: 2020 B

**Note:** Date of issue of the transport regulations: ADR 2019, RID 2019, IATA DGR 2020 (61<sup>st</sup> edition), IMDG 2018, DOT / 49 CFR 2019.

**Disclaimer:** The batteries referenced herein are considered exempt articles and are not subject to the OSHA Hazard Communication Standard; therefore, an SDS is not required.

### **Legal remark (EU)**

These batteries are no "substances" or "mixtures" according to Regulation (EC) No 1907/2006 EC. Instead they have to be regarded as "articles", no substances are intended to be released during handling. Therefore, there is no obligation to supply a "safety data sheet according to Regulation (EC) 1907/2006, Article 31".

### **General remark**

This information is provided as a service to our customers.

The information and recommendations set forth are made in good faith and believed to be accurate as of the date of preparation. LAERDAL makes no warranty, expressed or implied, regarding the accuracy of this data or the results to be obtained from the use thereto.