



Safety Data Sheet (SDS)

Section 1: Identification

Product Name: Chronos

Recommended Use: Electronic Timing System for Sports and Events

Manufacturer: Lymphik GmbH

Address: Freibergen 6, 2753 Oberpiesting, Austria

Emergency Contact: Tom Schwartz, +43 664 407 5806

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Section 2:

Composition / Information on Ingredients:

This product contains a lithium-ion battery (LiCoO₂ chemistry) with the following specifications:

- Battery Pack Configuration: 1s3p
- Nominal Voltage: 3.7 V
- Capacity: 6600 mAh (24.42 Wh)
- Weight: 139 g
- Primary Hazardous Ingredient: Lithium cobalt oxide (LiCoO₂)

Section 3:

Hazard Identification:

- Classification: Dangerous Goods (UN3480)
- Hazard Class: Class 9 - Miscellaneous Dangerous Goods
- Labeling: Lithium Battery Mark
- Risks: No hazards under normal use. May emit toxic fumes under fire conditions.

Section 4:

First Aid Measures:

- Inhalation: Move to fresh air. Seek medical attention if symptoms persist.
- Skin contact: Wash with soap and water. Remove contaminated clothing.
- Eye contact: Rinse immediately with plenty of water. Seek medical advice.
- Ingestion: Do not induce vomiting. Rinse mouth and seek medical attention.

Section 5:

Fire-Fighting Measures:

- Suitable extinguishing media: Dry chemical, CO₂, foam. Do not use water.
- Specific hazards: Battery may emit toxic fumes or explode when heated.
- Protective equipment: Firefighters should wear self-contained breathing apparatus.

Section 6:

Accidental Release Measures:

- Wear protective equipment.
- Avoid contact with spilled material.
- Place damaged batteries in a sealed container. Do not allow to enter drains.

Section 7:

Handling and Storage:

- Handling: Avoid mechanical or electrical abuse. Do not short-circuit or expose to high temperature.
- Storage: Store in a cool, dry place away from direct sunlight or sources of heat.
- Temperature Range: 0–45°C for charging, –20–60°C for discharging.

Section 8:

Exposure Controls / Personal Protection:

- Under normal use, no exposure occurs.
- For damaged batteries:
 - Respiratory protection: Use approved respirator if exposure to fumes is likely.
 - Eye protection: Safety goggles recommended.
 - Hand protection: Protective gloves recommended.

Section 9:

Physical and Chemical Properties:

- Appearance: Sealed battery pack
- Odor: Odorless
- pH: Not applicable
- Flash point: Not applicable
- Solubility in water: Insoluble

Section 10:

Stability and Reactivity:

- Stability: Stable under normal conditions.
- Conditions to avoid: Short-circuiting, overheating, mechanical damage.
- Hazardous decomposition: Toxic gases may be emitted in fire.

Section 11:

Toxicological Information:

- No exposure expected under normal use.
- Exposure to battery contents may cause skin, eye, and respiratory irritation.

Section 12:

Ecological Information:

- Battery should not be disposed of in the environment.
- Do not allow contents to enter waterways.

Section 13:

Disposal Considerations:

- Dispose of in accordance with local, state, and federal regulations.
- Recycle battery packs wherever possible.
- Do not incinerate or dispose of in household trash.

Section 14:

Transport Information:

- UN Number: UN3480
- Proper Shipping Name: Lithium ion batteries
- Hazard Class: 9
- Packing Group: II
- Packaging Instructions: Must comply with UN Manual of Tests and Criteria (UN38.3)

Section 15:

Regulatory Information:

- Complies with applicable RoHS and REACH directives.
- Product is tested per IEC 62133 and UN38.3 standards.

Section 16:

Other Information:

Prepared by: Lympik GmbH

Issue Date: 01.06.2024

Disclaimer: The information provided in this SDS is based on data believed to be accurate and reliable. It is the user's responsibility to determine suitability for their application.