SAFETY DATA SHEET (SDS) BAT22

www.batsecur.fr - +33(0)4 76 54 88 42

1. Product and company identification

- **Product name :** BAT22 battery
- **Manufacturer :** BATSECUR
- **Application:** Alarm products
- **Emergency contact :**
  Company telephone number :
  +33476548842
  Available Monday to Friday from 9am to 5pm.

2. Hazard identification

Main hazards :

- The BAT22 battery contains chemical materials that can be dangerous if damaged or used incorrectly.
- Danger of fire or explosion if short-circuited, overheated or exposed to fire.
- Risk of leakage of contents in the event of perforation, violent shock or battery failure.
- The battery must not be opened, burnt or exposed to excessive heat.

Danger pictograms :

3. Composition and information on ingredients

Main components :

- Lithium: Highly reactive alkali metal
Sulphur dioxide: Compressed gas
- Organic electrolyte: Organic compounds which may be corrosive
Metal in the form of lithium in the electrode

4. First aid

- **Inhalation:** In the event of a battery leak, if vapours are inhaled, remove the person to fresh air and consult a doctor if symptoms persist.
- **Skin contact:** In the event of contact with the battery electrolyte, rinse immediately with clean, soapy water for at least 15 minutes. Consult a doctor if irritation occurs.
- **Eye contact:** If any electrolyte is splashed into the eyes, rinse thoroughly with clean water for 15 minutes, keeping the eyelids open. Consult an ophthalmologist immediately.
- **Ingestion:** Do not induce vomiting. Consult a doctor or contact a poison control centre immediately.

5. Fire-fighting measures

- **Suitable extinguishing media:** Use water spray, carbon dioxide (CO2), dry chemical powder or foam to extinguish a fire involving lithium batteries.
- **Specific hazards:** Damaged batteries may release flammable vapours. In the event of combustion, toxic gases such as carbon monoxide (CO) and sulphur dioxide (SO2) may be released.
- **Protective equipment:** Use self-contained breathing apparatus and appropriate protective clothing when fighting fires.

6. Measures to be taken in the event of accidental dispersion

- **Personal precautions:** Evacuate non-essential personnel. Wear protective gloves, safety glasses and a mask in the event of a battery leak.
- **Environmental precautions:** Do not discharge into the environment. Contain spilled materials with non-combustible absorbent materials (e.g. sand).

7. Handling and storage

Handling :

- Do not open, crush or puncture the batteries.
- Do not subject batteries to mechanical or electrical shock. ▫ Do not short-circuit.

Storage :

Store batteries in a dry, well-ventilated place at a temperature between 10°C and 25°C. Do not expose to heat, flames or direct sunlight.

8. Exposure controls and personal protection

Personal protective equipment :

- **Hand protection:** Chemical-resistant gloves in the event of a leak.
- **Eye protection:** Safety goggles with side shields.
- **Respiratory protection:** Filter mask in the event of a gas leak.

9. Physical and chemical properties

- **Physical state:** Solid (battery)
- **Colour:** Metallic
- **Odour:** Odourless
- **Melting point:** Not applicable (solid)
- **Rated voltage:** 2x3.6V

10. Stability and reactivity

- **Stability:** Stable under normal conditions of storage and use.
- **Reactivity:** May react violently with water or oxidising compounds.

- **Conditions to avoid:** Excessive heat, short circuits and exposure to flames.

11. Toxicological information

Health effects: In the event of a leak, the electrolyte contained in the battery may be harmful if it comes into contact with the skin or eyes, or if the vapours are inhaled.

12. Ecological information

- **Ecotoxicity:** Do not dispose of used batteries in the environment, as they contain substances that are potentially harmful to flora and fauna.
- **Recycling instructions:** Use dedicated collection points for used batteries to minimise environmental impact.

13. Disposal considerations

Do not incinerate or dispose of in a landfill. Follow local regulations for recycling used batteries.

14. Transport information

- **Classification:** Non-hazardous product for transport in accordance with current regulations.
- **Transport precautions:** Pack properly to avoid any risk of short-circuiting during transport.

15. Regulatory information

This product complies with European directive 2006/66/EC on batteries and accumulators and with REACH (EC) regulation no. 1907/2006.

16. Other information

The information provided in this data sheet is based on our current state of knowledge. It is intended to describe the products in terms of safety and should not be interpreted as a guarantee of their specific properties.