

SAFETY DATA SHEET

NON-HAZARDOUS ARTICLE – BWT BATTERY POWERED POOL ROBOT(S)

Product Name: Battery Powered Pool Cleaning Robot

Models Covered: F1SONIC PRO, ES ECHO, Aquabot

Document Type: Informational Safety Data Sheet (Article)

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1. IDENTIFICATION: PRODUCT AND SUPPLIER

Product Name:

Battery Powered Pool Cleaning Robot

Models:

F1SONIC PRO

ES ECHO

Aquabot

Recommended Use:

Automated cleaning of residential and commercial swimming pools.

Supplier / Manufacturer:

Lincoln Pool Equipment

27 Lakewood Blvd

Braeside VIC 3195

Australia

Product Safety Contact:

Phone: +61 3 9580 9016

Business Hours: Mon – Fri 8:00am – 5:00pm AEST

Emergency Telephone Number:

Australia Emergency Services: Triple 000

2. HAZARDS IDENTIFICATION

Classification:

Not classified as hazardous according to GHS when used as intended.

Hazard Type:

Electrical equipment containing sealed lithium-ion battery.

Potential Hazards (Abnormal Conditions Only):

Electrical shock

Thermal runaway if battery is damaged

Fire risk if exposed to extreme heat or fire

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Finished electrical article containing:

Plastic housing
Electronic control systems
Rechargeable lithium-ion battery pack

Battery Specifications:

F1SONIC PRO

Voltage: 21.6 V
Capacity: 9.6 Ah
Energy: 207.26 Wh

ES ECHO

Voltage: 22.2 V
Capacity: 7.8 Ah
Energy: 173.16 Wh

Aquabot

Voltage: 22.2 V
Capacity: 9.3 Ah
Energy: 206.5 Wh

No hazardous chemical release during normal operation.

4. FIRST AID MEASURES

Electrical Shock:

Disconnect power source. Seek medical attention if required.

Battery Exposure (Damaged Battery Only):

Skin Contact: Wash with water and soap.
Eye Contact: Flush with water for at least 15 minutes.
Inhalation: Move to fresh air.

Seek medical attention if symptoms occur.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

Water spray
Foam
Dry chemical powder
Carbon dioxide

Specific Hazards:

Battery packs may release toxic fumes during fire.

Fire Fighting Advice:

Wear self-contained breathing apparatus and protective clothing.

6. ACCIDENTAL RELEASE MEASURES

If battery pack is damaged:

- Avoid skin and eye contact
- Wear protective gloves and eye protection
- Isolate damaged battery
- Dispose via approved battery recycling facility

7. HANDLING AND STORAGE

Handling:

- Do not open battery housing
- Do not puncture or crush battery
- Avoid short circuit
- Avoid temperatures above 60°C

Storage:

- Store in dry location
- Avoid direct sunlight
- Keep away from ignition sources

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Normal Use:

No personal protective equipment required.

Handling Damaged Batteries:

- Safety gloves
- Safety glasses

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Solid device

Colour: Various (product housing colour)

Odour: None

Solubility: Not applicable

10. STABILITY AND REACTIVITY

Chemical Stability:

Stable under normal operating conditions.

Conditions to Avoid:

- Heat
- Fire

Short circuit
Mechanical damage

Hazardous Decomposition Products:
Possible toxic fumes if battery burns.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected during normal use.
Exposure risk only if battery pack is damaged or burned.

12. ECOLOGICAL INFORMATION

No environmental hazard during normal operation.
Product does not release:
Biocides
Water treatment chemicals
Avoid disposal into waterways.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with:
Local electronic waste regulations
Battery recycling regulations
Do not dispose in household waste.

14. TRANSPORT INFORMATION

Finished equipment containing lithium batteries may be subject to transport regulations.
May fall under:
Lithium Ion Batteries Contained in Equipment
Possible Reference:
UN3481 (Where Applicable)
Check current ADG Code, IATA and IMDG regulations before transport.

15. REGULATORY INFORMATION

This product is classified as an electrical article.
Not classified as hazardous chemical under GHS or Safe Work Australia hazardous chemical criteria.

16. OTHER INFORMATION AND DISCLAIMER

DISCLAIMER:

This document is provided for informational purposes only.

This product is a finished electrical device and is not a chemical substance or mixture requiring a Safety Data Sheet under normal GHS or Safe Work Australia requirements.

Separate battery manufacturer safety documentation may apply where available (battery MSDS and UN38 report).

This product:

Does not intentionally release chemicals into pool water

Does not contain active biocides designed for water dosing

Information is provided in good faith based on current knowledge.

Lincoln Pool Equipment makes no warranty regarding completeness or accuracy and assumes no liability for misuse, improper installation, or use outside intended purpose.