

Mobile phone T39

Ericsson considers sustainable development as one of the most important challenges for the future. Therefore, Ericsson wants to provide environmental information to our customers. The Ericsson Environmental Declarations give information on the most relevant environmental aspects of mobile phones. As there is no common international industry standard for mobile phone environmental declarations Ericsson has developed this version and await a common standard.

The requirements in the declaration are based on the standard TR/70 issued by the European Association for Standardization Information and Communication Systems (ECMA), legal requirements and market requirements.

More information on Ericsson and the Environment can be found on the Ericsson environmental site on Internet <http://www.ericsson.com/environment/>.

**Ericsson
Mobile Phone
T39**

Size
96 x 50 x 18 mm

Weight¹
86 grams

Environmental Declaration for Ericsson Mobile Phone T39	Requirement Fulfilled	
	Yes	No

1 Environmental Policy and Management System

1.1	The company has a documented environmental policy approved by the management.	✓	
1.2	The company has, at production sites for mobile phones environmental management systems according to: <input checked="" type="checkbox"/> ISO 14001 <input type="checkbox"/> EMAS and/or <input checked="" type="checkbox"/> internal system.	✓	
1.3	The company regularly publishes an environmental report.	✓	
1.4	The company markets the products in accordance with environmental rules in applicable marketing legislation.	✓	
1.5	The company has environmental requirements on suppliers and subcontractors.	✓	
1.6	The company regularly trains employees in environmental management.		✓

2 Environmentally Conscious Design

2.1	CFCs or HCFCs are not present in the product.	✓	
2.2	Asbestos, PCB and PCT are not present in the product.	✓	
2.3	Mercury is not present in the product.	✓	
2.4	Brominated flame retardants PBB and PBDE are not present in the product.	✓	
2.5	Cadmium is not present in the product.	✓	
2.6	Lead is not present in plastic parts.	✓	
2.7	Chloroparaffins with chain length 10-13 C atoms, chlorinated greater than 50%, are not present in the product.	✓	
2.8	Beryllium oxide is not present in the product.	✓	

¹ With supplied battery.

3 Batteries

3.1	The product contains the battery type: <input type="checkbox"/> NiMH <input type="checkbox"/> Lithium Ion <input checked="" type="checkbox"/> Lithium Polymer.	← Battery type
3.2	Batteries defined as hazardous in the EU Directive 91/157/EEC are not used in the product.	✓

4 Energy Consumption

4.1	Power consumption of battery charger: Without load/standby 0.1 W While charging 1.6 W Charging time (full charge) 3 h	← Value
4.2	Instruction for best energy efficiency is given in the user manual.	✓

5 Electrical Safety, EMC and RF Exposure

5.1	The product meets applicable electrical safety standards.	✓
5.2	The product meets applicable EMC (Electro Magnetic Compatibility) standards.	✓
5.3	The product meets applicable RF (Radio Frequency) exposure standards.	✓

6 Packaging and Documentation

6.1	The product packaging material does not contain cadmium.	✓
6.2	The product packaging material does not contain CFC or HCFC.	✓
6.3	Plastic packaging material is marked according to DIN 6120 or ISO 11469.	✓
6.4	Ericsson offers packaging take-back and recycling services in many locations around the world or participates in public recovery systems where possible. The customers are advised to contact the local Ericsson representatives for further information.	← Contact the nearest Ericsson representative
6.5	User manual and product information are printed on non-chlorine bleached paper.	✓

7 Product Recycling

7.1	Plastic parts heavier than 25 g or larger than 1 dm ² are marked according to ISO 11469.	✓
7.2	Ericsson offers take-back and recycling services for products in many locations around the world or participates in public recovery systems where possible. The customers are advised to contact the local Ericsson representatives for further information.	← Contact the nearest Ericsson representative

Comments:

1. Environmental Policy and Management System

- 1.1-5 Ericsson's Environmental Report is published on <http://www.ericsson.com/environment/>. This site provides for example information on Ericsson's environmental policy, environmental management systems and Ericsson's Supplier Requirements.
- 1.2 Ericsson has certified environmental management systems according to ISO 14001 at the main part of the production sites for mobile phones. At the other sites the current internal environmental management system are being developed to fulfil the ISO 14001 standard.
- 1.6 Ericsson has initiated an environmental training programme to give all employees regular environmental education.

2. Environmental Conscious Design

- 2.1-8 Refers to substance levels, which do not exceed natural background levels.
- 2.1 Required according to the Montreal Protocol.
- 2.3 According to legislation in several countries mercury is prohibited for use in certain electronic components.
- 2.4 Within the EU and OECD, work is going on to limit and ban the use of certain brominated flame retardants (PBB/PBDE). These flame retardants are
decabrombiphenyl CAS no 13654-09-6
pentabromdiphenyleter CAS no 32534-81-9
octabromodiphenyleter CAS no 32536-52-0
decabromodiphenyleter CAS no 1136-19-5
- 2.5 The requirement can be found in national legislation.
- 2.8 Beryllium oxide is a highly toxic substance.

3. Batteries

- 3.2 Batteries that contain lead, cadmium and mercury with specified rates are classified as hazardous.

5 Electrical Safety, RF Exposure and EMC

- 5.1-2 The product shall meet the applicable EU-Directives: 73/23/EEC, 93/68/EEC for electrical safety and 89/336/EEC for EMC, electromagnetic compatibility.
- 5.3 The European pre-standard ENV 50166-2 and the corresponding Swedish Standard SS-ENV 50166-2 specify radio frequency exposure limits. For mobile telephones these limits are expressed as SAR (Specific Absorption Rate) values. The applicable SAR limit is 2 W/kg (10 gram mass in average).

6. Packaging and Documentation

- 6.1-2 Refers to substance levels which do not exceed natural background levels.

- 6.1-4 Requirements based on the EU directive 94/62/ECC

7. Product Recycling

- 7.1 Examples of plastic parts are product covers/housings and similar construction details.
- 7.2 Requirements based on national legislation as well as the EU directive on producer responsibility.