



## TRANSPORTATION CERTIFICATE

Ref. TC-LSH 14 10/2008 - 4

This is to certify that the Saft cell type, **LSH 14**, has been subjected and has met the requirements of the UN Recommendations on the Transport of Dangerous Goods, Manual of Tests and Criteria, 4<sup>th</sup> Revised edition - 2003 - Ref. ST/SG/AC.10/11/Rev. 4, as detailed in Saft-Poitiers internal reports P 0087/01 and P0188/01.

### Concerned Part Numbers

All the part numbers relative to single LSH 14 cells, whatever their finish mode (with and without end-tabs or wiring and connector assemblies, etc.).

### Product Description

Individual primary (non-rechargeable), Lithium-Thionyl Chloride (Li-SOCl<sub>2</sub>) C-sized spiral cell, with a 5A protection fuse.

Nominal Voltage	3.6 Volts
Nominal Capacity	5.7 Ah
Lithium metal content	1.80 gram
Nominal energy	5.7 x 3.6 = 21.7 Wh
Maximum recommended continuous discharge current	1.3 A

### Product Classification

#### Worldwide, besides the United States of America

Since it passes the UN-defined transport tests, but has a lithium metal content above the 1 gram limit, **the LSH 14 single cell, in all of its finished versions**, according to the current UN Recommendations on the Transport of Dangerous Goods - Model regulations, **is declared non-exempt from the Dangerous Goods Regulations. It is restricted to transport / assigned to Class 9** and must be packed in accordance with the Packing Instructions of the applicable Handbooks and Codes issued by the bodies (IATA-ICAO, IMO, ADR, US-DOT, etc.) that are in charge of regulating the transportation of dangerous goods.

#### Within the United States of America

The U.S. DOT CFR 49 Regulations, Parts 171, 172, 173 and 175, are governing the transportation of lithium cells and batteries. Special Provision 188 (in Part 172.102) **defines the LSH 14 single lithium metal cell, in all of its finished versions, as belonging to the "medium primary lithium cell" category**, and details the requirements to be met for the different transportation conditions.

### Signed on Behalf of Saft, Specialty Battery Group

Pascal Hans SBG Quality Manager

dated 08/10/2008

Alain Kerouanton SBG Lithium Product Manager

dated 08/10/2008