

Material Safety Data Sheet for SL50 Series Data Loggers

Part Numbers :SL51T, SL52T, SL53T, SL54TH, SL55T

The following substances are found in each button data logger:

Banned Substances

Substance	Amount (grams)	% of Unit Weight
Lead	0.00037	0.012
Cadmium		0
Mercury		0
Hexavalent Chromium		0
Polybrominated Biphenyls (PBBs)		0
Polybrominated diphenylethers (PBDEs)		0
Asbestos		0
Azo Compounds		0
Chlorinated Shortchain Paraffins		0
Ethylene Glycol Ethers		0
Halogenated Dioxins & Furans		0
Organic Tin Compounds		0
Ozone Depleting Substances		0
Polychlorinated Biphenyls (PCBs)		0

Reportable Substances

Substance	Amount (grams)	% of Unit Weight
Acrylonitrile		0
Aluminum & Compounds		0
Amines		0
Aniline		0
Anthracene		0
Antimony & Compounds	0.0009	0.028
Arsenic & Compounds		0
Barium		0
Beryllium & Compounds		0
Bismuth & Compounds		0
Brominated Flame Retardants (Non-Banned)		0
Chromium & Compounds	0.457	14.28
Chlorinated Organic Compounds (Non-Banned)		0
Copper & Compounds	0.0779	2.434
Cyanide & Compounds		0
Formaldehyde		0
Gold & Compounds	0.00042	0.013
Iron & Compounds	1.693	52.90
Magnesium		0
Nickel & Compounds	0.226	7.062
Palladium & Compounds		0
Phosphorus & Compounds	0.015	0.469
Phthalates		0
Polyvinyl Chloride (PVC)		0

Restriction of Hazardous Substances (RoHS) Information

RoHS is European legislation that bans cadmium, hexavalent chromium, lead, mercury, PBBs (polybrominated biphenyls), and PBDEs (polybrominated diphenyl ethers) by July 2006.

Lead is the only RoHS-banned substance of concern for the button loggers and therefore lead-free products are also RoHS compliant products and this applies to all button loggers'

All button loggers supplied by Signatrol Ltd are compliant with EU directive 2002/95/EC

EU RoHS compliant is defined as meeting the following requirements:

- Content of Lead (Pb) is less than 1000 ppm, unless used under exemption.
- Content of Mercury (Hg) is less than 1000 ppm.
- Content of Cadmium (Cd) is less than 100 ppm.
- Content of Hexavalent Chromium (CrVI) is less than 1000 ppm.
- Content of Poly Brominated BiPhenyls (PBB) or Poly Brominated DiPhenylethers (PBDE) is less than 1000 ppm.

Lithium Battery Statement

Signatrol button loggers use the lithium metal button cell batteries which contain < 1g of lithium.

These temperature data loggers are covered under the 2017 IATA packing instruction 970 and are exempt from labelling for button cells contained in equipment.

Each logger contains only a single button cell.